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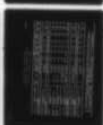
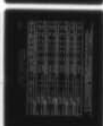
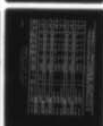
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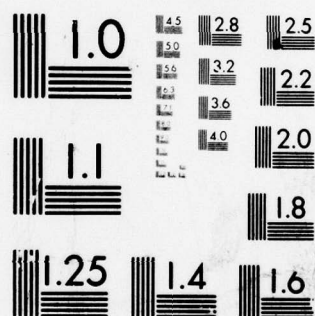
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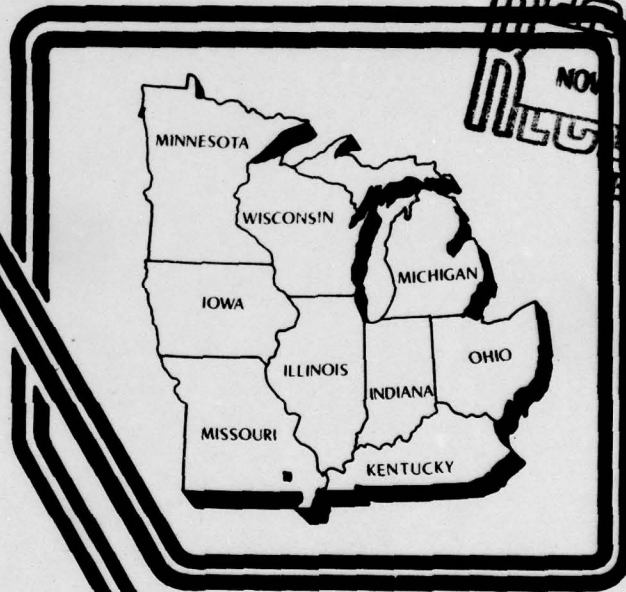
PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES
Volume 4: LAKE CENTRAL REGION

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CONT be superseded at some future date.

Conservative assumptions have been made in the screening and analysis process to avoid eliminating any potentially feasible sites. The current summary tables provide the best estimated to date, but to some degree, may overstate the actual capacity and energy which could be developed. The estimates for individual sites may be overstated for the following reasons:

a. A reduction of net power head due to rising tailwater conditions during high flows was not compared.

b. The analysis technique of maximum net benefits, using incomplete project costs, resulted in a low plant factor operation. This type of operation could require more reservoir storage than is available for regulating power flows; or could cause unacceptable fluctuations in the surface elevation of the reservoir or downstream flow.

c. Computations ignored diversion of water for other uses, as well as losses due to evaporation.

d. Turbines were assumed to be 100 percent efficient, and head losses through penstocks were not estimated.

e. During periods of high flow, it was calculated that streamflow would pass through the turbines at the design discharge rate when in fact, during excessively high flows, the plant may be shut down because of high tailwater and reduced head.

f. Summary tables include estimates of the potential capacity and energy at each site in the inventory. In some cases, individual projects may be site alternatives to others in the same general location, when only one can be considered for hydropower development.

g. Detailed consideration of the social, economic, institutional and environmental constraints associated with hydropower development were not specifically included in the analysis.

All of the issues listed above will be addressed during future stages of the National Hydropower Study through the addition of more detailed site-specific information, and by refinements in the computer routines used in assessing the data.

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) The Preliminary Inventory of Hydropower Resources (PIHR) a preliminary product of the National Hydropower Study (NHS), was published in six (6) volumes (regions) to facilitate reproduction and distribution. The PIHR contains general as well as site-specific information on our nation's hydroelectric power potential. It gives estimates of existing, incremental and undeveloped hydropower potential by state and region and furthermore, breaks these categories down into size ranges of small-scale (.05-15 MW) intermediate (15-25 MW) and large-scale (greater than 25MW) sites. Because the inventory is a preliminary product of the NHS, it may		

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(6) NATIONAL HYDROELECTRIC POWER RESOURCES STUDY



PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

VOLUME 4: LAKE CENTRAL REGION

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The preparation of these reports was a coordinated effort accomplished with the assistance of many individuals in the U.S. Army Corps of Engineers. The primary responsibility for these reports was assigned to the U.S. Army Corps of Engineers, Institute for Water Resources (IWR), under the direction of Mr. A. J. Fredrich. The Preliminary Inventory of Hydropower Resources was developed as a major component of the Corps' National Hydropower Study. Supplemental funding was provided by the United States Department of Energy (DOE) through the DOE Small-Scale Hydropower Development Program. Both of these studies are under the direction of Mr. James R. Hanchey, Deputy Director for Special Studies at the Institute for Water Resources.

The manuscript herein was written and prepared by Dr. Wayne R. Sigleo, Mr. James R. Hanchey and Mr. Darrell G. Nolton of the Corps' Institute for Water Resources. The text had the benefit of informal review and comment by the staff of the National Hydropower Study group at the Institute. The data presented in these reports were collected by the Corps' Division and District field offices. The presentation of these data, particularly the tables and computer format, were made possible through the concentrated efforts of Mr. Gary Franc of the Corps' Hydrologic Engineering Center (HEC) who, based on instructions from Mr. Jim Dalton of the Corps' Southwestern Division (SWD), developed the computer software to summarize the data from the inventory and made all necessary computer runs. HEC arranged for the printing of these reports and is responsible for their distribution.

Some of the major responsibilities associated with the National Hydropower Study were assigned to the Corps' Hydrologic Engineering Center, under the supervision of Mr. Bill S. Eichert, the Center's Director. HEC was assigned the tasks of developing the data management software, the editing and analysis programs required in the screening studies and in making the computer runs required in the screening process. Mr. Jim Dalton (SWD) was instrumental in formulating the computational techniques used and was assigned the responsibility of technical management. Mr. Dale R. Burnett was HEC's overall coordinator; Mr. Tom White and Mr. Orval Bruton of the Corps' North Pacific Division (NPD) developed the cost-estimating procedures; Messrs. Arthur Pabst and Mark Lewis (HEC) developed the file management software; and Ms. Marilyn Hurst (HEC) did most of HEC's computer production runs for the National Hydropower Study.

Grateful acknowledgements are extended to the support staff of IWR and HEC for their patience and endurance in the overall effort to complete these reports. In particular, Ms. Sharon Blake and Ms. Denise Henderson of IWR and Ms. Penni Baker of HEC should be recognized. Finally, since it is not possible, because of the scope of these reports, to mention all participants by name, acknowledgements are extended to all, especially the National Hydropower Study coordinators and other Division and District personnel who devoted many hours to the organization and data collection activities necessary to provide this preliminary inventory of hydroelectric power resources in the United States.

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 Indiana
 Iowa
 Kentucky
 Michigan
 Minnesota
 Missouri
 Ohio
 Wisconsin

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PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

INTRODUCTION

Since completion of the world's first central hydroelectric generating facility at Appleton, Wisconsin in 1882, hydropower has played a major role in our nation's social and economic development. Although this first installation was comparatively small (providing only enough power to light 250 light bulbs), it had a large impact, and streams and rivers across the country were rapidly developed to generate electricity. Today, hydropower provides about 13 percent of the nation's total electric power with a conventional installed capacity of about 64,000 megawatts and an average annual energy generation of some 280 thousand gigawatt-hours.

Hydroelectric power development was rapid during the first half of the twentieth century, but by the mid-1960's many factors had combined to diminish its contribution to electrical utility systems. First, the most favorable sites were developed early, and the undeveloped potential simply did not look as attractive when compared to other available energy sources. Second, demand for electricity increased rapidly during the 50's and 60's, and even with the continued development of new sites, hydropower's "share of the load" steadily decreased. Finally, the low cost of fossil fuels and optimistic forecasts concerning nuclear technology and its public acceptability led many planners to believe that the nation's energy future was secure.

During the past decade, a number of interacting factors, including rising fuel prices, rapid escalation of the costs in constructing thermal generating facilities, and increased public concern over the safety of nuclear plants have prompted not only a search for new energy alternatives, but also a reexamination of previously ignored or discounted alternatives. Because of the immediate need to develop new sources of energy, planners at all levels of organization have significantly increased their efforts to assess the most feasible alternatives to meet present and future energy demands. Hydroelectric power development, particularly incremental or new capacity at existing facilities, could provide an important contribution to our nation's growing energy needs.

The U.S. Army Corps of Engineers is currently conducting a detailed assessment of the nation's hydroelectric resources as part of the National Hydroelectric Power Study authorized by Section 167 of the Water Resources Development Act of 1976 (P.L. 94-587). The study is designed to provide a current and comprehensive estimate of the potential for incremental or new generation at existing dams and other water resource projects, as well as for undeveloped sites in the United States. In addition, the study will address the demand for

hydroelectric power, and will investigate various related policy and technical considerations to determine the incentives, constraints and impacts of developing hydropower to meet a portion of our future energy demands. When complete in 1981, the effort will provide a more detailed evaluation of the nation's hydroelectric resources, and will serve as a framework for future planning and development of this important renewable energy source.

The National Hydropower Study addresses all conventional hydroelectric power potential at Federal and non-federal installations, and considers both large and small-scale dams and other water resource projects. The Corps of Engineers involvement in studying the nation's small-scale potential dates from President Carter's Energy Plan of 1977. This program specifically recognized the opportunity for redeveloping small-scale hydropower as an alternative source of energy and the President directed the Corps to produce summary estimates of the potential at existing small dams in the country.

The directive led to the Corps' preliminary 90-day hydropower study which was published in 1977¹. This study was the first to provide comprehensive estimates of the small-scale potential at existing dams and also identified key areas of the country where small-scale hydropower development could potentially reduce dependence on fossil fuels as a source of energy generation. It is important to note that these estimates were based largely on theoretical potentials calculated for the river basins in the United States and were not the product of site-specific investigations.

During the initial planning stages of the National Hydropower Study, the U.S. Department of Energy requested that a more detailed assessment be made of the nation's small-scale hydroelectric resources. Because of the wide public interest in this potentially valuable alternative energy resource, the small-scale assessment has been integrated into the overall National Hydropower Study and is included in this series of reports.

PURPOSE AND SCOPE

Site-specific information on the physical hydroelectric power potential is essential in determining the social, economic, institutional and environmental feasibility of developing this resource. Because of the immediate need for wide dissemination of state, regional and national hydropower data, the Corps' Institute for Water Resources has prepared

¹ R. J. McDonald, Estimate of National Hydroelectric Power Potential at Existing Sites, Institute for Water Resources, Ft. Belvoir, Virginia, July 1977.

this series of regional reports, Preliminary Inventory of Hydropower Resources. The inventory is the result of a comprehensive data collection effort conducted by the Corps of Engineers and is based on site-specific analysis and evaluation.

The purpose of these reports is to provide preliminary estimates of the existing and potentially feasible hydroelectric power resources in the United States, and to briefly evaluate their regional significance. The estimates of existing, incremental and undeveloped hydropower potential have been grouped in three categories which are based on megawatt (MW) capacity. These include small-scale (.05-15 MW); intermediate (15-25 MW); and large-scale (greater than 25 MW).

The reports have been organized into 6 volumes, each divided along regional boundaries of the United States (Figure 1). The regions have been arbitrarily selected, but each roughly approximates broad physical and cultural divisions of the country. They include:

- a. Pacific Northwest (Vol. 1)
- b. Pacific Southwest (Vol. 2)
- c. Mid-Continent (Vol. 3)
- d. Lake Central (Vol. 4)
- e. Southeast (Vol. 5)
- f. Northeast (Vol. 6)

Each volume of the Preliminary Inventory of Hydropower Resources contains a description of the methods of study, national and regional summary statistics, and a brief assessment of the resource potential. Appendix 1 of each volume contains individual state summary totals with the data grouped in various hydraulic head and capacity ranges, and an inventory of all potentially feasible sites in each state included in the appropriate region. The inventory includes site-specific geographic information, project purpose and ownership references, refined streamflow and hydraulic data, and the capacity and hydroelectric energy estimates. Appendix 2 of each volume is a brief description of the hydroelectric power terms used in the reports, and for further information, Appendix 3 contains a list of Corps of Engineers Division and District field offices.

METHODS OF STUDY

The preliminary inventory of potentially feasible hydropower resources includes an estimate of the capacity and energy available at both existing dams and undeveloped sites in the United States. The major source of data on existing hydropower facilities was the National Inventory of Dams developed by the Corps of Engineers as part of the National Dam Safety Program.² This inventory contains geographic,

²U.S. Army Corps of Engineers, National Program of Inspection of Dams, in 5 Volumes, Office of the Chief of Engineers, Washington, D. C., May 1975

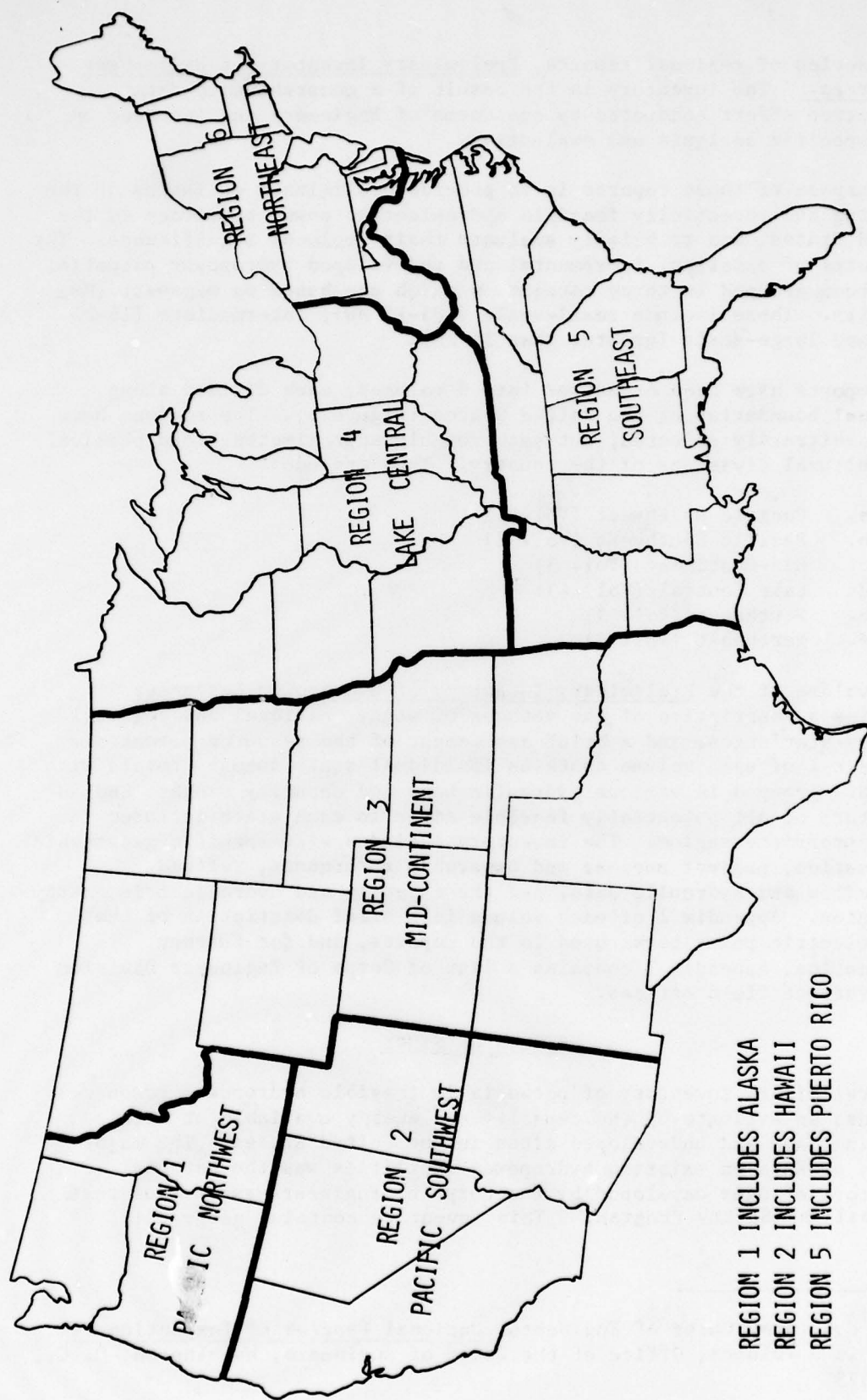


FIGURE 1: REGIONS AS DEFINED FOR THE PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

physical, and ownership data on approximately 50,000 dams in the nation. Identification and data collection on undeveloped sites was more limited since only about 5,000 sites had been identified or previously studied by the Corps of Engineers and other local, state and Federal water resource agencies. In addition, no attempt was made to include pumped storage sites in the inventory.

The data in the original national inventory of dams were supplemented as necessary to develop preliminary estimates of the hydroelectric power potential at each site. Computer routines which utilized head, storage and streamflow estimates were developed to compute the capacity and energy potential of each existing dam and undeveloped site. A screening routine was used to eliminate those sites without sufficient storage, head or streamflow to generate a significant amount of electrical energy. Generally, the existing dams and undeveloped site locations listed in the inventory are those with a capacity of 50 kilowatts or greater. In most cases, the current installed capacity at existing dams was derived from the nameplate capability. This initial screening procedure reduced the number of sites in the active inventory from approximately 55,000 to about 17,500.

During the second stage of the preliminary screening, additional physical data were collected for all sites remaining in the inventory. In particular, the supplemental data included the designation of a U.S. Geological Survey (U.S.G.S.) reference gaging station; a refined estimate of the available net power head; and an estimate of the drainage area associated with each site. Computer routines developed by the Hydrologic Engineering Center and the Corps' Southwestern Division were utilized with USGS streamflow data and drainage area measurements to produce a synthetic flow-duration curve at each site. Conventional flow-duration analysis was used to estimate the capacity and energy available at each site for a range of plant factors.

Generalized cost estimates were developed by the Corps' North Pacific Division to approximate the cost of turbines, generators, and other powerhouse costs associated with the representative capacity selected for each site in the inventory. Generalized regional power values, developed for the study by the Federal Energy Regulatory Commission (FERC), were used to provide a preliminary estimate of the value of the potential capacity and energy at each site. Each site was then sized at the capacity and energy which gave a maximum net benefit. A second screening, comparing the estimated powerhouse cost with the value of power to be produced, eliminated those sites which had doubtful economic feasibility. This screening process reduced the active inventory to approximately 11,000 sites which are contained in these regional reports.

The basic objective of the preliminary inventory and analysis procedures is to provide a comprehensive assessment of the undeveloped hydroelectric power potential in the United States and to determine

which sites merit more thorough investigation. Accordingly, conservative assumptions have been made in the screening and analysis process to avoid eliminating any potentially feasible sites. The current summary tables provide the best estimates to date, but to some degree, may overstate the actual capacity and energy which could be developed. The estimates for individual sites may be overstated for the following reasons:

a. A reduction of net power head due to rising tailwater conditions during high flows was not computed.

b. The analysis technique of maximum net benefits, using incomplete project cost resulted in a low plant factor operation. This type of operation could require more reservoir storage than is available for regulating power flows or could cause fluctuations in the surface elevation of the reservoir or downstream flow that would not be acceptable.

c. Computations ignored diversion of water for other uses, as well as losses due to evaporation.

d. Turbines were assumed to be 100 percent efficient, and head losses through penstocks were not estimated.

e. During periods of high flow, it was calculated that streamflow would pass through the turbines at the design discharge rate when in fact, during excessively high flows, the plant may be shut down because of high tailwater and reduced head.

f. Summary tables include estimates of the potential capacity and energy at each site in the inventory. In some cases, individual projects may be site alternatives to others in the same general location, when only one can be considered for hydropower development.

g. Detailed consideration of the social, economic, institutional and environmental constraints associated with hydropower development were not specifically included in the analysis.

All of the issues listed above will be addressed during future stages of the National Hydropower Study through the addition of more detailed site-specific information, and by refinements in the computer routines used in assessing the data.

RESOURCE ASSESSMENT

National Potential

Estimates of the existing, incremental and undeveloped conventional hydroelectric power potential for the various regions of the United States are presented in Table 1. The total physical resource for all regions is estimated to exceed 512,000 MW of capacity with an average annual energy generation greater than 1.4 million GWH. At the present time, the Corps has identified 1,251 existing hydropower facilities currently generating power with a total installed capacity of some 64,000 MW producing over 280,000 GWH of average annual energy. There are over 5,400 existing dams which have the potential for new incremental power development. Some of these are currently generating power, and full development of the incremental potential could yield an additional capacity of some 94,000 MW with an average annual energy generation exceeding 223,000 GWH. There are also some 4,500 potentially feasible, undeveloped sites which, if fully developed for hydropower, could produce another 354,000 MW with an estimated average annual energy greater than 935,000 GWH.

The distribution of the overall hydroelectric power resource in the nation is shown in Figure 2. The Pacific Northwest has the largest proportion of the nation's installed capacity and currently generates some 48 percent of the conventional hydroelectric energy produced in the United States. Other areas with a significant, but smaller proportion of the total installed capacity and energy generation include the Southeast, Northeast, and Pacific Southwest regions. Nearly all existing hydroelectric facilities and other water resource projects in the country have the capability for incremental energy generation with the Northeast, Lake Central and Pacific Northwest having a large share of this potential. The undeveloped hydroelectric resource is widely distributed, but appears greatest in the Pacific Northwest, Mid-Continent and Southeast regions, particularly at large-scale sites.

There are over 5,600 small-scale dams in the country which are either generating power, or have the potential for incremental development. The installed capacity at existing small-scale facilities is estimated to be some 3,000 MW with an average annual energy generation exceeding 15,000 GWH. These values represent about 5 percent of the nation's current installed hydroelectric capacity and energy generation. Approximately 5,400 MW of new incremental capacity could be installed at a large percentage of the existing small-scale dams for an estimated energy generation of about 17,000 GWH annually. In addition, some 2,600 potentially feasible, undeveloped sites have been identified which could provide an estimated capacity of 8,000 MW and more than 28,000 GWH of average annual energy generation.

As shown in Figure 3, the amount and regional distribution of the small-scale resource potential varies considerably, as these patterns closely reflect an interaction between climate, landforms and settlement

TABLE 1. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES

REGIONAL SUMMARIES

REGION	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES										TOTAL					
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total
Vol. 1 Pacific N. West No. of Sites Cap. (MW) Ener (GWH)	93 430 2,441	282 642 2,234	745 3,702 16,390	1,120 4,774 21,065	13 234 1,216	36 700 1,943	208 4,069 14,738	257 5,003 17,897	73 26,141 130,365	83 31,919 33,999	896 259,709 673,918	1,052 317,769 838,282	179 26,804 134,022	401 33,262 38,175	1,849 267,480 705,045	2,429 327,546 877,242
Vol. 2 Pacific S. West No. of Sites Cap. (MW) Ener (GWH)	111 410 2,176	354 574 1,569	272 632 1,640	737 1,616 5,385	9 171 837	17 345 550	26 509 1,059	52 1,025 2,446	69 9,347 37,311	43 5,109 8,729	110 16,043 31,877	222 30,499 77,917	189 9,928 40,325	414 6,028 10,849	408 17,184 34,577	1,011 33,140 85,751
Vol. 3 Mid-Continent No. of Sites Cap. (MW) Ener (GWH)	54 184 1,372	779 850 2,138	666 1,182 3,074	1,499 2,216 6,584	11 218 1,006	15 317 524	63 1,311 3,142	89 1,846 4,672	44 6,087 22,403	59 6,589 12,481	234 27,376 64,274	337 40,052 99,158	109 6,488 24,781	853 7,758 15,144	963 29,868 70,491	1,925 44,114 110,416
Vol. 4 Lake Central No. of Sites Cap. (MW) Ener (GWH)	204 734 3,439	601 914 3,128	551 926 2,859	1,356 2,574 9,426	10 180 940	43 875 2,124	16 319 763	69 1,374 3,827	17 1,689 5,475	88 14,038 39,514	59 6,552 17,380	164 22,279 62,369	231 2,602 9,854	732 15,830 44,766	626 7,799 21,004	1,589 26,231 75,624
Vol. 5 Southeast No. of Sites Cap. (MW) Ener (GWH)	110 285 1,000	566 704 2,189	265 1,077 3,349	941 2,066 6,538	19 360 1,105	29 559 1,185	54 1,114 2,863	102 2,033 5,153	98 11,182 36,409	87 11,758 21,466	146 20,969 67,460	331 43,909 125,335	227 11,827 38,514	682 13,021 24,840	465 23,160 73,672	1,374 48,008 137,026

TABLE 1. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES

REGIONAL SUMMARIES (CONTINUED)

REGION	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES										TOTAL			
	Small-Scale (.05-15 MW)			Intermediate (15-25 MW)			Large-Scale (Greater Than 25 MW)			(All Sizes)				
	Exist	Incre	Undev	Exist	Incre	Undev	Exist	Incre	Undev	Exist	Incre	Undev	Total	
Vol. 6 *														
Northeast														
No. of Sites	270	2,231	143	19	26	20	65	27	85	58	316	2,342	221	2,879
Cap. (MW)	914	1,771	491	354	524	400	1,278	4,784	16,446	7,568	6,053	18,737	8,457	33,247
Ener (GWH)	4,620	6,009	1,531	1,613	1,533	938	4,084	26,276	81,898	28,610	32,508	89,440	31,078	153,026
NATIONAL TOTAL														
No. of Sites	842	4,813	2,642	81	166	387	634	328	445	1,503	1,251	5,424	4,532	11,207
Cap. (MW)	2,957	5,455	8,010	1,517	3,320	7,722	12,559	59,230	85,859	338,217	63,702	94,636	353,948	512,286
Ener (GWH)	15,048	17,267	28,843	6,717	7,859	23,503	38,079	258,239	198,087	883,519	280,004	223,214	935,867	1,439,085

¹ Existing hydroelectric power facilities currently generating power.² Existing dams and/or other water resource projects with the potential for new and/or additional hydroelectric capacity.³ Undeveloped sites where no dam or other engineering structure presently exists.

* Data on undeveloped sites in the New England states are not available (NA).

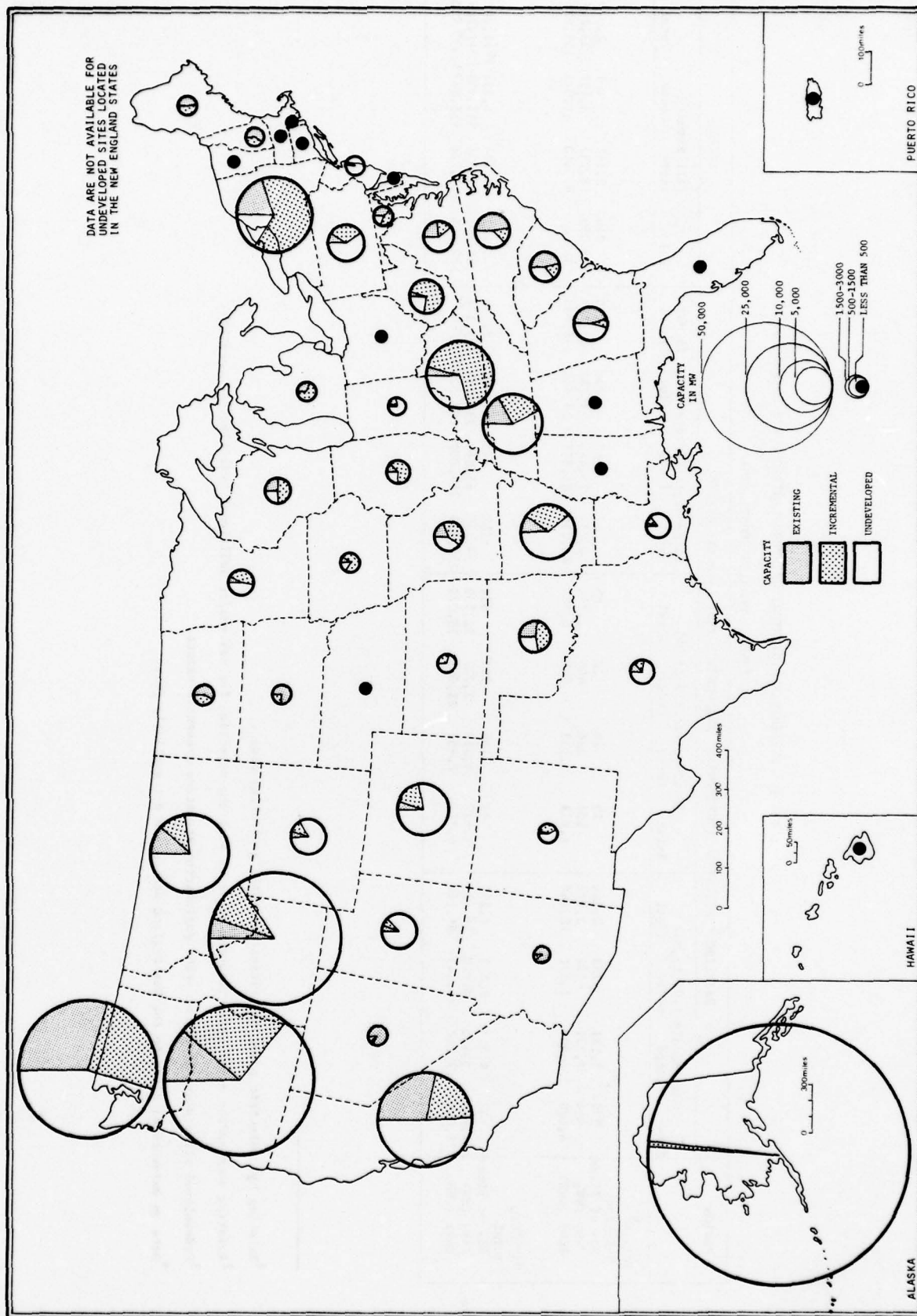


Figure 2: NATIONAL HYDROELECTRIC POWER RESOURCES. (ALL SITES)

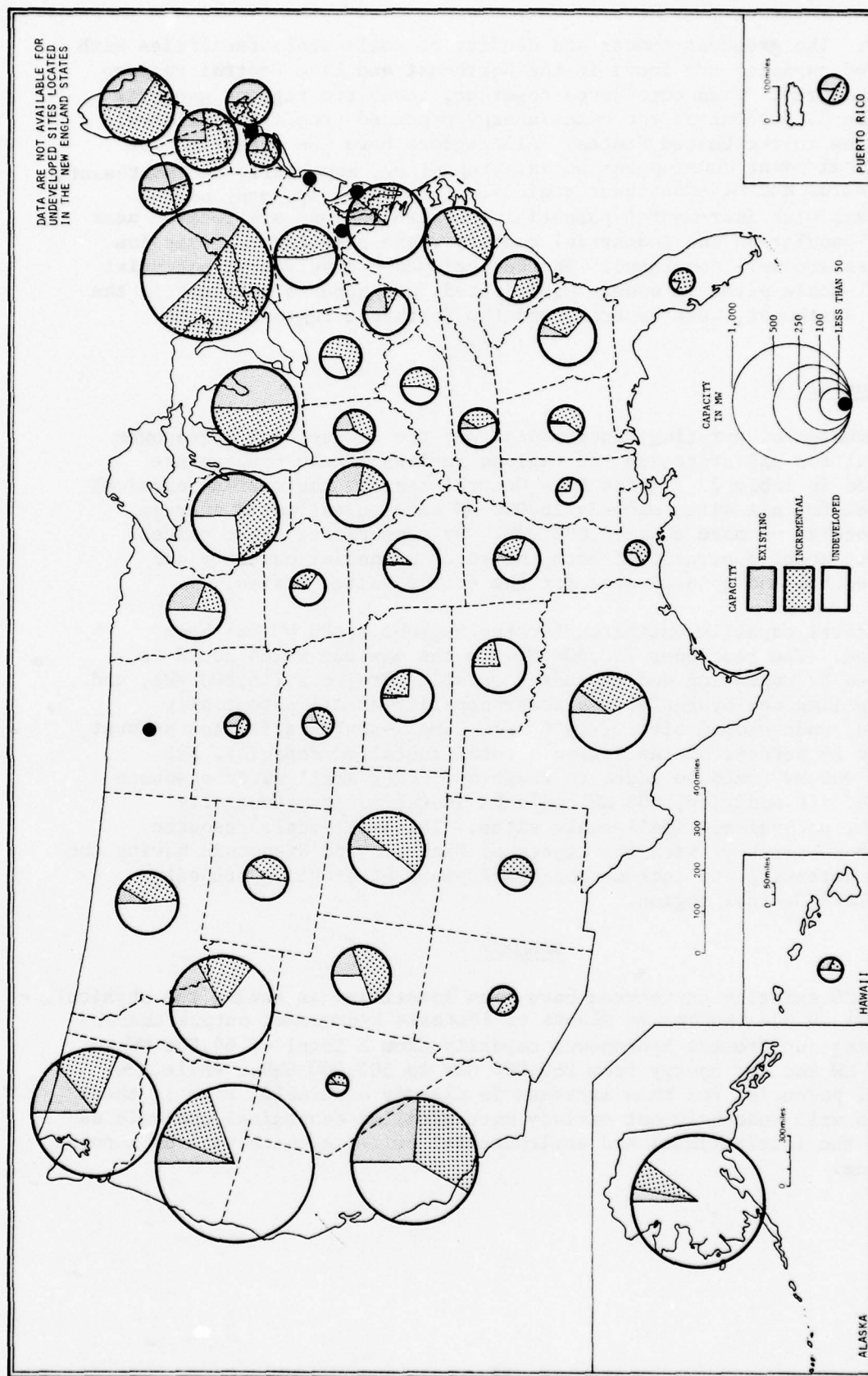


Figure 3: NATIONAL HYDROELECTRIC POWER RESOURCES. (SMALL-SCALE SITES)

history. The greatest number and density of small-scale facilities with installed capacity are found in the Northeast and Lake Central regions of the country. When considered together, these two regions generate more than 53 percent of the total energy produced from all small-scale facilities in the United States. All regions have the potential for incremental power development at existing sites, especially the Northeast, Lake Central and Mid-Continent regions. Significantly, many of the small dams with incremental potential in these regions are located near smaller population and industrial centers where existing transmission interties are well developed. The undeveloped hydroelectric potential at small-scale sites is widely distributed, but appears greatest in the Pacific Northwest, Lake Central, and the Northeast regions of the country.

Lake Central

The estimates of existing, incremental and the undeveloped hydropower potential for all states in the various regions of the country are presented in Table 2. In the Lake Central region, the maximum physical potential for all sites exceeds 26,000 MW with an estimated average annual energy of more than 75,000 GWH. By comparison, these values represent about 5 percent of both the total potential capacity and hydroelectric energy estimated for the entire United States.

Of the total capacity estimated for the region, 2,600 MW has been installed. The remainder (23,600 MW) is the maximum which could be developed by upgrading and expanding existing projects (15,800 MW), and by installing new hydroelectric power capacity at all potentially feasible, undeveloped sites (7,800 MW). Small-scale facilities account for some 24 percent of the region's total installed capacity, but another 900 MW could be added to these and other small water resource projects. In addition, 900 MW could be installed at potentially feasible, undeveloped small-scale sites. The small-scale resource varies considerably, with the states of Michigan and Wisconsin having the largest potential for incremental development at existing projects in the Lake Central region.

SUMMARY

Over 5,400 existing structures have been identified as having the physical potential to add hydropower plants or increase hydropower output thereby increasing our present hydropower capacity from a total of 64,000 MW to 158,000 MW and our energy from 280,000 GWH to 503,000 GWH. While the physical potential for this increase is clearly available, some of these projects will undoubtedly not satisfy more detailed economical analysis as well as the institutional and environmental criteria which will be imposed upon them.

More than 4,500 undeveloped sites have been identified as having the physical potential to increase our capacity by 354,000 MW and our energy by 936,000 GWH. Many of these have less chance of acceptance than the modifications to the existing projects because of the more adverse environmental and institutional effects. Unfortunately, 47 percent (166,700 MW) of this undeveloped potential is located in Alaska where it would be economically difficult to transmit the power to the potential user.

For the nation's existing hydroelectric power sites, large-scale facilities, 25 MW and greater, account for approximately 92 percent of the capacity and energy generation, particularly those located in the Pacific Northwest and Southeast regions. Small-scale facilities account for about 5 percent of the nation's installed capacity and hydroelectric energy, but incremental development of other potentially feasible, existing small-scale projects could more than double this output by adding another 5,400 MW of capacity and 17,000 GWH of energy to the total. The distribution of the existing small-scale resource is extremely variable, but nearly all regions of the country have the potential for incremental energy development. The undeveloped potential for all sites and capacity ranges is also widely distributed, and appears greatest in the Pacific Northwest, Southeast and Mid-Continent regions of the country.

As stated earlier, these data are preliminary; the capacity and energy estimates represent the maximum physical hydroelectric potential which could be developed in each state and region. The incremental potential and that estimated for undeveloped sites do not include detailed consideration of the engineering, economic, financial and environmental constraints; nor do they include an assessment of the competitive use of water at existing impoundments, or consideration of the complex social, legal and institutional feasibility, all of which could preclude full development of the hydroelectric potential. Future investigations by the Corps of Engineers and other local, state and federal agencies will consider these factors in more detail, and further refine the actual feasibility of the most favorable sites in the inventory.

Publication of preliminary resource information involves the risk that errors and omissions may exist, and this inventory is no exception. At present, the Corps' inventory of hydroelectric power resources is an active screening tool; its primary function and widest utility is to present a viable list of existing and potentially feasible hydroelectric power sites, and to provide reasonably accurate estimates of the aggregate state, regional and national development potential. For this purpose, users of the inventory are encouraged to assist in the continuing refinement of the data base by bringing errors and omissions to the attention of the appropriate Corps of Engineers Division or District office.

For further information concerning specific hydroelectric power sites in any state or region of the country, a complete list of Corps' Division and District representatives for the National Hydropower Study is provided in Appendix III.

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES

VOL 1: PACIFIC NORTHWEST

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)							
	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total
Alaska																
No. of Sites	16	27	184	227	1	6	53	60	2	5	190	197	19	38	427	484
Cap. (MW)	37	86	1,053	1,176	15	120	1,014	1,149	77	212	164,709	164,998	129	418	166,775	167,322
Ener (GWH)	146	362	4,754	5,262	41	309	4,158	4,508	333	626	432,995	433,954	520	1,297	441,907	443,724
Idaho																
No. of Sites	24	80	68	172	1	5	39	45	15	24	213	252	40	109	320	469
Cap. (MW)	131	140	497	768	16	101	787	904	2,301	4,931	39,252	46,484	2,448	5,172	40,536	48,156
Ener (GWH)	818	435	1,904	3,157	142	195	2,218	2,555	11,130	5,522	82,398	99,050	12,089	6,152	86,520	104,761
Oregon																
No. of Sites	30	96	388	514	9	18	66	93	21	16	253	290	60	130	707	897
Cap. (MW)	105	231	1,390	1,726	157	349	1,291	1,797	6,591	13,609	34,771	54,971	6,853	14,190	37,453	58,496
Ener (GWH)	630	751	6,426	7,807	841	993	4,770	6,604	35,404	8,352	90,039	133,795	36,875	10,095	101,235	148,205
Washington																
No. of Sites	23	79	105	207	2	7	50	59	35	38	240	313	60	124	395	579
Cap. (MW)	157	185	762	1,104	46	130	977	1,153	17,172	13,167	20,977	51,316	17,374	13,482	22,716	53,572
Ener (GWH)	847	686	3,306	4,839	192	446	3,592	4,230	83,498	19,499	68,486	171,483	84,538	20,631	75,383	180,552
Region																
Total																
No. of Sites	93	282	745	1,120	13	36	208	257	73	83	896	1,052	135	401	1,849	2,429
Cap. (MW)	430	642	3,702	4,774	234	700	4,069	5,003	26,141	31,919	259,709	317,769	26,804	33,262	267,480	327,546
Ener (GWH)	2,441	2,234	16,390	21,065	1,216	1,943	14,738	17,897	130,365	33,999	673,918	838,282	134,022	38,175	705,045	877,242

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES

VOL 2: PACIFIC SOUTHWEST

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES										TOTAL		
	Small-Scale (.05-15 MW)					Intermediate (15-25 MW)					Large-Scale (Greater Than 25 MW)		
	Exist	Incre	Undev	Total		Exist	Incre	Undev	Total		Exist	Incre	Undev
Arizona													
No. of Sites	4	27	37	68		0	0	0	0		5	3	0
Cap. (MW)	32	34	13	79		0	0	0	0		1,374	122	0
Ener (GWH)	105	134	19	258		0	0	0	0		5,959	261	0
California													
No. of Sites	50	216	185	451		9	12	20	41		61	38	90
Cap. (MW)	298	365	474	1,137		171	242	387	800		7,167	4,840	12,192
Ener (GWH)	1,647	990	1,227	3,864		837	342	789	1,968		28,621	8,421	22,993
Hawaii													
No. of Sites	14	11	7	32		0	1	0	1		0	0	0
Cap. (MW)	19	12	30	61		0	19	0	19		0	0	0
Ener (GWH)	102	26	77	205		0	39	0	39		0	0	0
Nevada													
No. of Sites	5	21	19	45		0	1	2	3		1	0	0
Cap. (MW)	9	28	34	71		0	18	40	58		668	0	0
Ener (GWH)	68	55	97	220		0	26	116	142		2,056	0	0
Utah													
No. of Sites	38	79	24	141		0	3	4	7		2	2	20
Cap. (MW)	52	135	81	268		0	66	82	148		138	147	3,851
Ener (GWH)	254	364	220	838		0	143	154	297		675	47	8,884
Region Total													
No. of Sites	111	354	272	737		9	17	26	52		69	43	110
Cap. (MW)	410	574	632	1,616		171	345	509	1,025		9,347	5,109	16,043
Ener (GWH)	2,176	1,569	1,640	5,385		837	550	1,059	2,446		37,311	8,729	31,877
TOTAL													
Exist	189	414	408	1,011		189	414	408	1,011		189	414	408
Incre	9,928	6,028	17,184	33,140		9,928	6,028	17,184	33,140		9,928	6,028	17,184
Undev	40,325	10,849	34,577	85,751		40,325	10,849	34,577	85,751		40,325	10,849	34,577

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES
VOL 3: MID-CONTINENT

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)			Intermediate (15-25 MW)			Large-Scale (Greater Than 25 MW)			(All Sizes)						
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total
Colorado																
No. of Sites	10	167	53	230	1	2	19	22	5	4	79	88	16	173	151	340
Cap. (MW)	49	229	177	455	22	39	419	480	330	1,325	6,477	8,132	401	1,593	7,072	9,066
Ener (GWH)	275	660	423	1,358	70	79	889	1,038	1,264	2,644	13,515	17,423	1,609	3,383	14,827	19,819
Kansas																
No. of Sites	1	64	184	249	0	1	0	1	0	3	6	9	1	68	190	259
Cap. (MW)	2	61	183	246	0	18	0	18	0	141	296	437	2	220	480	702
Ener (GWH)	10	117	382	509	0	38	0	38	0	229	508	737	10	384	890	1,284
Montana																
No. of Sites	7	69	43	119	1	2	10	13	12	17	81	110	20	88	134	242
Cap. (MW)	29	140	176	345	17	43	189	249	2,372	2,148	14,948	19,468	2,418	2,332	15,313	20,063
Ener (GWH)	642	350	500	1,492	111	83	528	722	8,969	4,761	38,321	52,051	9,722	5,195	39,348	54,265
Nebraska																
No. of Sites	11	39	19	69	3	1	4	8	2	1	0	3	16	41	23	80
Cap. (MW)	16	37	30	83	54	21	82	157	66	37	0	103	136	94	112	342
Ener (GWH)	50	121	139	310	300	43	320	663	216	160	0	376	566	323	459	1,348
New Mexico																
No. of Sites	0	26	44	70	1	1	0	2	0	4	3	7	1	31	47	79
Cap. (MW)	0	55	46	101	24	24	0	48	0	207	359	566	24	286	404	714
Ener (GWH)	0	144	120	264	96	49	0	145	0	469	1,101	1,570	96	662	1,221	1,979
N. Dakota																
No. of Sites	0	44	2	46	0	0	0	0	1	1	0	2	1	45	2	48
Cap. (MW)	0	21	10	31	0	0	0	0	430	303	0	733	430	324	10	764
Ener (GWH)	0	45	18	63	0	0	0	0	2,400	568	0	2,968	2,400	612	18	3,030

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES
VOL 3: MID-CONTINENT (CONTINUED)

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES										TOTAL		
	Small-Scale (.05-15 MW)					Intermediate (15-25 MW)					Large-Scale (Greater Than 25 MW)		
	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total	(All Sizes) Exist Incr Undev Total
Oklahoma													
No. of Sites	0	98	170	268	0	4	2	6	11	13	12	36	11 115 184 310
Cap. (MW)	0	49	178	227	0	87	44	131	1,029	1,494	797	3,320	1,029 1,630 1,019 3,678
Ener (GWH)	0	86	346	432	0	133	77	210	2,350	1,991	1,270	5,611	2,350 2,210 1,693 6,253
S. Dakota													
No. of Sites	8	23	4	35	0	0	0	0	4	3	1	8	12 26 5 43
Cap. (MW)	17	22	12	51	0	0	0	0	1,483	397	25	1,905	1,500 420 37 1,957
Ener (GWH)	69	65	33	167	0	0	0	0	6,056	832	38	6,926	6,125 898 72 7,095
Texas													
No. of Sites	9	196	129	334	2	1	8	11	5	4	22	31	16 201 159 376
Cap. (MW)	52	165	288	505	45	22	167	234	225	185	1,420	1,830	321 372 1,875 2,568
Ener (GWH)	212	372	854	1,438	149	7	437	613	542	240	3,149	3,931	903 619 4,461 5,983
Wyoming													
No. of Sites	8	53	18	79	3	3	20	26	4	9	30	43	15 65 68 148
Cap. (MW)	19	71	82	172	56	63	410	529	152	352	3,054	3,558	227 487 3,546 4,260
Ener (GWH)	114	178	259	551	280	92	871	1,243	606	587	6,372	7,565	1,000 858 7,502 9,360
Region Total													
No. of Sites	54	779	666	1,499	11	15	63	89	44	59	234	337	109 853 963 1,925
Cap. (MW)	184	850	1,182	2,216	218	317	1,311	1,846	6,087	6,589	27,376	40,052	6,488 7,758 29,868 44,114
Ener (GWH)	1,372	2,138	3,074	6,584	1,006	524	3,142	4,672	22,403	12,481	64,274	99,158	24,781 15,144 70,491 110,416

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES
VOL 4: LAKE CENTRAL

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES												TOTAL				
	Small-Scale (.05-15 MW)			Intermediate (15-25 MW)			Large-Scale (Greater Than 25 MW)			(All Sizes)							
	Exist	Incr	Total	Exist	Incr	Total	Exist	Incr	Total	Exist	Incr	Total	Exist	Incr	Total		
Illinois																	
	No. of Sites	16	39	230	285		0	8	0	0	7	2	10	17	54	232	303
	Cap. (MW)	100	52	169	321		0	145	0	145	533	89	654	132	730	259	1121
Ener (GWH)	569	109	411	1,089		0	347	0	347	1,750	178	1943	584	2,206	589	3,379	
Indiana																	
	No. of Sites	4	30	45	79		0	2	0	0	0	3	3	4	32	48	84
	Cap. (MW)	28	58	61	147		0	37	0	37	0	383	383	28	96	444	568
Ener (GWH)	98	189	162	449		0	90	0	90	0	816	816	98	279	978	1,355	
Iowa																	
	No. of Sites	3	25	37	65		0	1	0	0	12	3	16	4	38	40	82
	Cap. (MW)	7	28	67	102		0	21	0	21	1,068	190	1,386	135	1,117	257	1,509
Ener (GWH)	36	81	200	317		0	39	0	39	3,468	408	4,681	841	3,588	608	5,037	
Kentucky																	
	No. of Sites	0	52	23	75		0	2	0	0	30	10	44	4	84	33	121
	Cap. (MW)	0	64	51	115		0	48	0	48	9,159	3,985	13,780	636	9,271	4,036	13,943
Ener (GWH)	0	183	121	304		0	88	0	88	24,547	11,697	38,503	2,259	24,818	11,819	38,896	
Michigan																	
	No. of Sites	86	136	0	222		3	6	0	9	4	0	7	92	146	0	238
	Cap. (MW)	283	303	0	586		52	121	0	173	709	0	860	486	1,133	0	1,619
Ener (GWH)	1,145	1,238	0	2,383		312	399	0	711	2,735	0	3,173	1,895	4,371	0	6,266	
Minnesota																	
	No. of Sites	18	97	45	160		0	5	6	11	12	17	30	19	114	68	201
	Cap. (MW)	91	63	146	300		0	100	125	225	825	755	1,647	158	989	1,027	2,174
Ener (GWH)	536	191	492	1,219		0	288	314	602	1,868	1,602	3,788	854	2,346	2,408	5,608	

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES
VOL 4: LAKE CENTRAL (Continued)

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES												TOTAL (All Sizes)			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)							
	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total
Missouri																
No. of Sites	2	31	93	126	1	2	8	11	4	9	17	30	7	42	118	167
Cap. (MW)	5	22	227	254	16	45	154	215	577	1,301	868	2,746	598	1,368	1,249	3,215
Ener (GWH)	17	61	643	721	94	88	357	539	1,272	4,154	1,739	7,165	1,383	4,303	2,740	8,426
Ohio																
No. of Sites	0	68	18	86	0	7	0	7	0	2	1	3	0	77	19	96
Cap. (MW)	0	105	47	152	0	153	0	153	0	56	43	99	0	314	90	404
Ener (GWH)	0	308	131	439	0	323	0	323	0	134	70	204	0	768	201	969
Wisconsin																
No. of Sites	75	123	60	258	6	10	2	18	3	12	6	21	84	145	68	297
Cap. (MW)	220	219	158	597	112	205	40	357	98	387	239	724	429	812	437	1,678
Ener (GWH)	1,038	768	699	2,505	534	462	92	1,088	368	858	870	2,096	1,940	2,087	1,661	5,688
Region Total																
No. of Sites	204	601	551	1,356	10	43	16	69	17	88	59	164	231	732	626	1,589
Cap. (MW)	734	914	926	2,574	180	875	319	1,374	1,689	14,038	6,552	22,279	2,602	15,830	7,799	26,231
Ener (GWH)	3,439	3,128	2,859	9,426	940	2,124	763	3,827	5,475	39,514	17,380	62,369	9,854	44,766	21,004	75,624

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES
VOL 5: SOUTHEAST

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES										TOTAL		
	Small-Scale (.05-15 MW)			Intermediate (15-25 MW)			Large-Scale (Greater Than 25 MW)			Exist	(All Sizes)		Total
	Exist	Incr	Undev	Exist	Incr	Undev	Exist	Incr	Undev		Exist	Undev	
Alabama													
No. of Sites	1	52	8	0	2	5	15	19	8	16	73	21	110
Cap. (MW)	2	70	49	0	41	108	2,269	4,010	424	2,271	4,121	581	6,973
Ener (GWH)	6	190	137	0	91	244	9,710	7,141	995	9,716	7,422	1,376	18,514
Arkansas													
No. of Sites	1	89	50	0	3	11	10	13	17	11	105	78	194
Cap. (MW)	11	51	143	0	67	218	1,069	2,768	5,874	1,080	2,886	6,235	10,201
Ener (GWH)	43	145	412	0	105	393	2,756	5,239	19,824	2,799	5,489	20,629	28,917
Florida													
No. of Sites	1	17	2	0	0	1	1	0	0	2	17	3	22
Cap. (MW)	0	45	10	0	0	20	30	0	0	30	45	30	105
Ener (GWH)	0	151	30	0	0	66	232	0	0	232	151	96	479
Georgia													
No. of Sites	5	61	31	6	1	9	15	6	33	26	68	73	167
Cap. (MW)	20	79	182	106	23	188	1,924	304	1,690	2,050	406	2,060	4,516
Ener (GWH)	87	316	538	311	52	518	3,825	501	4,892	4,223	869	5,948	11,040
Louisiana													
No. of Sites	0	19	5	0	0	0	1	4	6	1	23	11	35
Cap. (MW)	0	38	17	0	0	0	81	253	2,336	81	291	2,353	2,725
Ener (GWH)	0	110	55	0	0	0	215	618	7,141	215	728	7,196	8,139
Mississippi													
No. of Sites	0	50	38	0	1	1	0	2	1	0	53	40	93
Cap. (MW)	0	20	51	0	16	23	0	97	45	0	133	119	252
Ener (GWH)	0	71	137	0	65	54	0	192	87	0	328	278	606

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES
VOL 5: SOUTHEAST (Continued)

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES															TOTAL		
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				Exist	(All Sizes)		Total		
	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total		Incr	Undev			
North Carolina																		
No. of Sites	53	117	28	198	5	5	12	22	18	9	22	49	76	131	62	269		
Cap. (MW)	72	162	160	394	103	86	259	448	1,762	405	1,134	3,301	1,937	653	1,553	4,143		
Ener (GWH)	248	429	546	1,223	396	244	744	1,384	5,958	760	3,387	10,105	6,602	1,433	4,677	12,712		
Puerto Rico																		
No. of Sites	5	10	6	21	2	3	0	5	0	0	0	0	7	13	6	26		
Cap. (MW)	28	37	13	78	36	55	0	91	0	0	0	0	64	92	13	169		
Ener (GWH)	64	48	63	175	54	78	0	132	0	0	0	0	118	126	63	307		
South Carolina																		
No. of Sites	29	49	5	83	4	3	4	11	10	13	13	36	43	65	22	130		
Cap. (MW)	88	61	34	183	76	54	80	210	1,368	513	1,061	2,942	1,532	628	1,175	3,335		
Ener (GWH)	390	354	130	874	233	145	280	658	2,117	1,201	3,093	6,411	2,740	1,700	3,503	7,943		
Tennessee																		
No. of Sites	1	31	9	41	2	4	2	8	24	14	23	61	27	49	34	110		
Cap. (MW)	11	47	70	128	39	80	45	164	2,046	3,142	7,149	12,337	2,096	3,269	7,264	12,629		
Ener (GWH)	33	57	207	297	111	56	145	312	11,064	5,113	25,004	41,181	11,208	5,226	25,356	41,790		
Virginia																		
No. of Sites	14	71	83	168	0	7	9	16	4	7	23	34	18	85	115	218		
Cap. (MW)	53	94	348	495	0	137	173	310	633	266	1,256	2,155	686	497	1,777	2,960		
Ener (GWH)	129	318	1,094	1,541	0	349	419	768	532	701	3,037	4,270	661	1,368	4,550	6,579		
Region Total																		
No. of Sites	110	566	265	941	19	29	54	102	98	87	146	331	227	682	465	1,374		
Cap. (MW)	285	704	1,077	2,066	360	559	1,114	2,033	11,182	11,738	20,969	43,909	11,827	13,021	23,160	48,008		
Ener (GWH)	1,000	2,189	3,349	6,538	1,105	1,185	2,863	5,153	36,409	21,466	67,460	125,335	38,514	24,840	73,672	137,026		

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES
VOL 6: NORTHEAST

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES												TOTAL		
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)		
	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total	Exist	Incr	Total
Connecticut [*]															
No. of Sites	13	205	NA	218	0	0	NA	0	2	0	NA	2	15	205	220
Cap. (MW)	36	88	NA	124	0	0	NA	0	68	0	NA	68	103	88	191
Ener (GWH)	156	308	NA	464	0	0	NA	0	216	0	NA	216	372	308	680
Delaware															
No. of Sites	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2
Cap. (MW)	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2
Ener (GWH)	0	0	6	6	0	0	0	0	0	0	0	0	0	0	6
Maine [*]															
No. of Sites	33	469	NA	502	3	1	NA	4	2	2	NA	4	38	472	510
Cap. (MW)	147	284	NA	431	58	20	NA	78	148	64	NA	212	354	369	723
Ener (GWH)	881	992	NA	1,873	388	67	NA	455	507	226	NA	733	1,776	1,285	3,061
Maryland															
No. of Sites	2	15	7	24	0	1	0	1	1	4	2	7	3	20	32
Cap. (MW)	2	18	20	40	0	19	0	19	474	496	232	1,202	476	532	1,260
Ener (GWH)	14	50	58	122	0	41	0	41	1,719	650	550	2,919	1,733	741	3,082
Massachusetts [*]															
No. of Sites	23	301	NA	324	2	0	NA	2	4	0	NA	4	29	301	330
Cap. (MW)	73	115	NA	188	33	0	NA	33	131	0	NA	131	237	115	352
Ener (GWH)	313	403	NA	716	176	0	NA	176	154	0	NA	154	643	403	1,045
New Hampshire [*]															
No. of Sites	24	541	NA	565	2	1	NA	3	2	0	NA	2	28	542	570
Cap. (MW)	74	238	NA	312	31	23	NA	54	281	0	NA	281	386	261	647
Ener (GWH)	359	836	NA	1,195	180	82	NA	262	558	0	NA	558	1,097	918	2,015
New Jersey															
No. of Sites	2	36	0	38	0	1	0	1	0	0	5	5	2	37	44
Cap. (MW)	6	21	0	27	0	23	0	23	0	0	647	647	6	40	693
Ener (GWH)	18	58	0	76	0	56	0	56	0	0	1,821	1,821	18	114	1,933

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES
VOL 6: NORTHEAST (CONTINUED)

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES															
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				TOTAL			
	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total
New York																
No. of Sites	123	251	43	417	11	15	11	37	9	40	11	60	143	306	65	514
Cap. (MW)	422	657	148	1,227	216	309	226	751	3,103	11,491	2,754	17,348	3,741	12,458	3,127	19,326
Ener (GWH)	2,155	2,250	539	4,944	799	976	563	2,338	20,581	70,227	17,211	108,019	23,535	73,453	18,313	115,301
Pennsylvania																
No. of Sites	0	138	58	196	0	6	4	10	4	19	26	49	4	163	88	255
Cap. (MW)	0	158	189	347	0	107	79	186	403	1,466	2,977	4,846	403	1,731	3,245	5,379
Ener (GWH)	0	432	567	1,019	0	252	170	422	1,681	3,618	6,969	12,268	1,681	4,322	7,706	13,709
Rhode Island*																
No. of Sites	2	105	NA	107	0	0	NA	0	0	0	NA	0	2	105	NA	107
Cap. (MW)	2	40	NA	42	0	0	NA	0	0	0	NA	0	2	40	NA	42
Ener (GWH)	6	139	NA	145	0	0	NA	0	0	0	NA	0	6	139	NA	145
Vermont*																
No. of Sites	44	155	NA	199	1	0	NA	1	2	0	NA	2	47	155	NA	202
Cap. (MW)	106	134	NA	240	16	0	NA	16	74	0	NA	74	197	134	NA	331
Ener GWH)	436	472	NA	908	70	0	NA	70	317	0	NA	317	822	472	NA	1,294
W. Virginia																
No. of Sites	4	15	33	52	0	1	5	6	1	20	14	35	5	36	52	93
Cap. (MW)	46	18	132	196	0	23	95	118	102	2,929	958	3,989	148	2,969	1,184	4,301
Ener (GWH)	282	49	361	692	0	59	205	264	543	7,177	2,059	9,779	825	7,285	2,624	10,734
Region Total																
No. of Sites	270	2,231	143	2,644	19	26	20	65	27	85	58	170	316	2,342	221	2,879
Cap. (MW)	914	1,771	491	3,176	354	524	400	1,278	4,784	16,446	7,568	28,798	6,053	18,737	8,457	33,250
Ener (GWH)	4,620	6,009	1,531	12,160	1,613	1,533	938	4,084	26,276	81,898	28,610	136,784	32,508	89,440	31,078	153,025

¹Existing hydroelectric power facilities currently generating power.

2 Existing dams and/or other water resource projects with the potential for new and/or additional hydroelectric capacity.

3Undeveloped sites where no dam or other engineering structure presently exists.

*Data on undeveloped sites in the New England states are not available (NA).

APPENDIX I

U.S. ARMY CORPS OF ENGINEERS

SUMMARY SHEET AND SITE SPECIFIC

LISTING OF HYDROELECTRIC POWER RESOURCES

BY STATE AND COUNTY

**Illinois, Indiana, Iowa, Kentucky, Michigan,
Minnesota, Missouri, Ohio and Wisconsin**

STATE OF ILLINOIS

COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT
COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING DAMS
COLUMN 3 = UNDEVELOPED POTENTIAL
COLUMN 4 = TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS 2 AND 3)
CAPACITY = SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT)
ENERGY = SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIGAWATT-HOUR)

IN THE STATE OF ILLINOIS

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	CRIVER	PROJ NUMBER	PURP (2)	OWNER	LATITUDE (DM,M)	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CFS)	NET POWER (FT)	HEIGHT OF DAM (FT)	STORAGE CAPACITY (MG)	ENERGY (GWH)
COUNTY NAME: ADAMS													
IL NAME 90001	ILU0001	MCKEE CREEK					39 54.2	120.0	89.4	90.4	100.4	0.4	0.4
	LM30001						91 0.					2.0857	3.1
UDPIL90180	ILU0603	CEDAR CK					40 9.4	9.0	5.4	45.4	0.4	0.4	0.4
	NCC0001						90 56.8					.0857	.1
COUNTY NAME: BOND													
IL NAME 930024	ILU0024	EAST FORK SHUAL					38 17.3	181.0	133.4	50.4	60.4	0.4	0.4
	LM30002	CREEK					89 28.2					1.5557	2.0
GREENVILLE NEW CITY LAKE	ILU00594	KINGSBURY BRANCHES					38 54.0	35.0	24.4	35.4	42.4	0.4	0.4
	LM30003						89 24.0					.2657	.3
COUNTY NAME: BROWN													
IL NAME 90002	ILU0002	MCKEE CREEK					39 52.5	282.0	190.4	90.4	100.4	0.4	0.4
	LM30004						90 47.6					3.3457	5.5
LA GRANGE DAM	ILU0403	ILLINOIS R				CORPS OF ENGINEERS	39 55.5	25577.0	20864.4	8.4	9.4	0.4	0.4
	NCC0002						90 32.1					2.4857	114.0
UDPIL90182	ILU0605	FK SHELBY CK					40 1.9	11.0	7.4	54.4	0.4	0.4	0.4
	NCC0003						90 41.4					.1157	.1
UDPIL90183	ILU0606	WEST CREEK					40 1.8	16.0	10.4	54.4	0.4	0.4	0.4
	NCC0004						90 40.1					.1657	.2
UDPIL90184	ILU0607	LITTLE CK					39 54.4	13.0	8.4	58.4	0.4	0.4	0.4
	NCC0005						90 35.1					.1457	.2
UDPIL90185	ILU0608	CAMP CK					39 26.9	7.0	4.4	47.4	0.4	0.4	0.4
	NCC0006						90 39.5					.0757	.1

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION, D=DEBRIS CONTROL, P=PAW POND, O=OTHER
- (3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (4) - U=UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ILLINOIS

PROJECT NAME	AGENT	NAME OF STREAM	PROJ#	CR	RIVER	PUMP#	OWNER	LATITUDE	DRAINAGE	AVERAGE	NET	HEIGHT	MAXIMUM	STORAGE	CAPACITY	ENERGY
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
UDPIL90027	ILU0450	LA HARPE CK	M					40 28.2	61.0	39	0	0	0	0	0	0
	NCC0012							90 58.8								.7
UDPIL90211	ILU0633	SENAXHINECK	M					41 12.8	22.0	13	0	0	0	0	0	0
	NCC0029							89 26.4								.4
COUNTY NAME: CARROLL																
IL NO NAME 872	ILU0843	EAST FORK PLUM CK	M				PRIVATE	42 10.8	9.0	6	47	63	22	0	0	0
	NCR0001	REEK						89 53.4								.2
COUNTY NAME: CASS																
UDPIL90188	ILU0611	HILLER CK	M					40 2.6	5.0	3	43	0	0	0	0	0
	NCC0031							90 3.8								.1
UDPIL90189	ILU0612	COCX CK	M					40 .4	23.0	14	48	0	0	0	0	0
	NCC0032							90 6.8								.5
UDPIL90190	ILU0613	JOBS CK	M					39 58.5	6.0	3	38	0	0	0	0	0
	NCC0033							90 8.9								.1
UDPIL90191	ILU0614	JOBS CK	M					39 58.7	13.0	8	39	0	0	0	0	0
	NCC0034							90 11.4								.2
UDPIL90192	ILU0615	INDIAN RUN	M					40 .1	7.0	4	49	0	0	0	0	0
	NCC0035							90 14.8								.1
UDPIL90194	ILU0617	CLEAR CK	M					39 56.4	16.0	10	53	0	0	0	0	0
	NCC0036							90 19.8								.2
UDPIL90198	ILU0621	PRAIRIE CK	M					39 53.3	17.0	10	32	0	0	0	0	0
	NCC0037							90 18.0								.1
L E G E N D																

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, SEWATER SUPPLY, RECREATION,
DISEASIS CONTROL, PEFARM POND, OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY NAME INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, SEWATER SUPPLY, RECREATION, DODERIS CONTROL, PEFARM POND, OOTHER
- (3) - E-INSTALLED CAPACITY AND ENERGY NNNEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (4) - U-INSTALLED CAPACITY AND ENERGY TTTOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ILLINOIS

PROJECT NAME	ID	NAME OF STREAM	PROJ. NUMBER	CR RIVER	PURP. (2)	OWNER	LATITUDE (DM,M)	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CFS)	NET POWER OF DAM (FT)	HEIGHT OF DAM (FT)	STORAGE CAPACITY (AC FT)	ENERGY (KWH)
COUNTY NAME: CLAY													
LOUISVILLE LAKE	ILU0354	LIT WABASH RIV					38 47.8	3320.0	2660.0	43.0	58.0	231.0	0.0
	ORL0005						88 35.3						49.8
COUNTY NAME: CLINTON													
IL NONAME 90032	ILU0032	SHUAL CREEK					38 13.1	740.0	517.0	20.0	30.0	0.0	0.0
	LWS0005						89 30.0						2.7
CARLYLE DAM	IL00113	KASKASKIA RIVER					38 36.0	2680.0	2027.0	52.0	62.0	0.0	0.0
	LWS0006						89 24.0						39.8
COUNTY NAME: CUMBERLAND													
LINCOLN LAKE	ILU0355	EMBARCASS RIV					39 22.4	915.0	732.0	51.0	69.0	538.0	0.0
	ORL0006						88 10.9						3.8
COUNTY NAME: DEKALB													
UDPIL90212	ILU0634	INDIAN CK					41 51.0	19.0	11.0	42.0	0.0	0.0	0.0
	NCC0044						88 42.6						.13
COUNTY NAME: DEMITT													
KENNEY	ILU0418	SALT CREEK					40 5.3	340.0	216.0	50.0	57.0	429.0	0.0
	NCC0045						88 58.5						3.1
WAYNESVILLE	ILU0419	KICKAPOO CK					40 13.1	220.0	139.0	43.0	48.0	212.0	0.0
	NCC0046						89 5.4						1.9
UDPIL90205	ILU0628	LONG POINT CK					40 15.0	41.0	26.0	36.0	0.0	0.0	0.0
	NCC0047						89 2.4						.3

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, SEWAGE SUPPLY, RECREATION,
DRAINAGE CONTROL, P&FARM POND, OTHER
(3) - E-INSTALLED CAPACITY AND ENERGY, N-NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U-UNINSTALLED CAPACITY AND ENERGY, T-TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ILLINOIS

PROJECT NAME	IDENT * NUMBER * (1) *	NAME OF STREAM CR RIVER	PURP * (2) *	OWNER	*LATITUDE (DM,M) *	*LONGITUDE (SQ MI) *	*DRAINAGE AREA *	*AVERAGE ANNUAL * INFLW * (CFS) *	*NET * HEAD * (FT) *	*HEIGHT * OF DAM * (1000 * AC FT) *	*CAPACITY * (MW) * (3) *	*ENERGY (GWH) * (3) *
COUNTY NAME: DEWITT												
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH												
UDPIL90207	*ILU0630*	N FK SALT CK	*M		*40 10.1*	*118.0*		*74.0*	*50.0*	*0.0*	*0.0*	*0.0*
	NCC0048				*88 50.5*						*1.38*	*2.5*
UDPIL90208	*ILU0631*	TRIB-SALT CK	*M		*40 8.4*	*5.0*		*3.0*	*32.0*	*0.0*	*0.0*	*0.0*
	NCC0049				*88 49.0*						*.05*	*.1*
UDPIL90210	*ILU0632*	CODN CK	*M		*40 6.0*	*17.0*		*10.0*	*28.0*	*0.0*	*0.0*	*0.0*
	NCC0050				*89 0.0*						*.12*	*.2*
UDPIL90209	*ILU0633*	TENMILE CK	*M		*40 6.6*	*46.0*		*29.0*	*46.0*	*0.0*	*0.0*	*0.0*
	NCC0051				*80 3.6*						*.96*	*1.8*
UDPIL90209	*ILU0003*	TENMILE CK	*M		*40 6.6*	*46.0*		*29.0*	*46.0*	*0.0*	*0.0*	*0.0*
	NCC0052				*89 3.4*						*.49*	*.9*
COUNTY NAME: DUPAGE												
FERC POWER SUPPLY AREA 14 FERC REGIONAL OFFICE CODE CH												
UDPIL90213	*ILU0635*	RR DU PAGE	*M		*41 57.0*	*19.0*		*12.0*	*27.0*	*0.0*	*0.0*	*0.0*
	NCC0053				*88 12.7*						*.07*	*.3*
UDPIL90214	*ILU0636*	SPRING BROOK	*M		*41 42.6*	*9.0*		*6.0*	*23.0*	*0.0*	*0.0*	*0.0*
	NCC0054				*88 11.4*						*.07*	*.1*
COUNTY NAME: EFFINGHAM												
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH												
EFFINGHAM	*ILU0345*	LIT WASH RIV	*M		*39 9.0*	*218.0*		*174.0*	*22.0*	*55.0*	*135.0*	*0.0*
	DRL0007				*88 34.6*						*.99*	*1.6*
LAKE SARA	*ILU0607*	BLUE POINT CREEK	*S		*39 7.5*	*9.0*		*8.0*	*43.0*	*55.0*	*15.0*	*0.0*
	DRL0008				*88 37.0*						*.09*	*.2*
COUNTY NAME: EFFINGHAM												
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH												
EFFINGHAM	*ILU0345*	LIT WASH RIV	*M		*39 9.0*	*218.0*		*174.0*	*22.0*	*55.0*	*135.0*	*0.0*
	DRL0007				*88 34.6*						*.99*	*1.6*
LAKE SARA	*ILU0607*	BLUE POINT CREEK	*S		*39 7.5*	*9.0*		*8.0*	*43.0*	*55.0*	*15.0*	*0.0*
	DRL0008				*88 37.0*						*.09*	*.2*

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=CELESTIAL CONTROL, M=MANAGEMENT, S=SEWER SUPPLY, R=RECREATION,
D=DEBRIS CONTROL, P=PEAK POND, O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(01/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F I L L I N O I S

PROJECT NAME	IDENT	NAME OF STREAM	PROJ#	OWNER	LONGITUDE	AREA	ANNUAL INFLOW	NET POWER	HEIGHT	MAXIMUM STORAGE	CAPACITY	ENERGY
(1)	(2)	CR RIVER	PURP#		(DM.)	(SQ MI)	(CFS)	(FT)	(FT)	(1000)	(MM)	(GWH)
COUNTY NAME: PAVETTE												
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH												
VANDALIA CITY LA	IL00623	BEAR CREEK	S		39 0.	25.0	17.	25.	32.	9.0E	0.	0.
KE	LMS0007				89 6.0					N	.13N	.2
COUNTY NAME: FRANKLIN												
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH												
MEND LAKE DAM	IL00117	BIG MUDDY RIVER	CR90		38 0.	4880.0	4034.	40.	49.	608.0E	0.	0.
	LMS0008				89 0.					N	65.47N	105.3
COUNTY NAME: PULTON												
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH												
UDPIL90002	ILU0425	COAL CK	H		40 37.8	32.0	20.	72.	0.	0.0U	0.	0.
	NCC0055				90 16.2					AT	.52AT	.8
UDPIL90004	ILU0427	TRIB-SHAM CK	H		40 36.6	7.0	4.	34.	0.	0.0U	0.	0.
	NCC0056				90 26.4					AT	.06AT	.1
UDPIL90006	ILU0429	MIDDLE RR	H		40 32.4	27.0	17.	51.	0.	0.0U	0.	0.
	NCC0057				89 58.2					AT	.28AT	.5
UDPIL90008	ILU0431	PUT CK	H		40 .2	91.0	57.	45.	0.	0.0U	0.	0.
	NCC0058				90 41.8					AT	.94AT	1.2
UDPIL90009	ILU0432	SHAM CK	H		40 25.4	38.0	23.	32.	0.	0.0U	0.	0.
	NCC0059				90 25.2					AT	.22AT	.4
UDPIL90011	ILU0434	BARKER CK	H		40 26.4	16.0	10.	66.	0.	0.0U	0.	0.
	NCC0060				90 24.6					AT	.15AT	.4
UDPIL90012	ILU0435	MUDDY CK	H		40 24.6	4.0	2.	61.	0.	0.0U	0.	0.
	NCC0061				90 15.6					AT	.06AT	.1
UDPIL90013	ILU0436	SLUG RUN	H		40 26.2	8.0	5.	40.	0.	0.0U	0.	0.
	NCC0062				90 7.8					AT	.08AT	.1
L E G E N D												

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(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLUDD CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,
D=DEBRIS CONTROL, P=PEARM POND, G=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

POTENTIAL HYDROPOWER SITES IN THE STATE OF ILLINOIS

PROJECT NAME	IDENT * NUMBER	NAME OF STREAM OR RIVER	PROJ * PURP * (2)	* LATITUDE (DM,M)	* DRAINAGE AREA (SQ MI)	* ANNUAL INFLOW (CF8)	* NET HEIGHT OF DAM (FT)	* STORAGE CAPACITY (MH)	* ENERGY (GWH)
COUNTY NAME	FULTON								
UDPIL90014	*H	*ILU0437*DUCK CK	*H	*40 25.5	*18.0*	*11.0	*63.0	*0.0	*0.0
		NCC0063		*89 58.2					*.16*
UDPIL90016	*H	*ILU0439*FRANCIS CK	*H	*40 23.4	*11.0*	*7.0	*56.0	*0.0	*0.0
		NCC0064		*90 19.8					*.09*
UDPIL90017	*H	*ILU0440*SUGAR CK	*H	*40 19.8	*11.0*	*7.0	*41.0	*0.0	*0.0
		NCC0065		*90 26.2					*.07*
UDPIL90018	*H	*ILU0441*OTTER CK	*H	*40 18.0	*7.0*	*4.0	*39.0	*0.0	*0.0
		NCC0066		*90 23.4					*.07*
UDPIL90020	*H	*ILU0443*EAST CK	*H	*40 19.8	*7.0*	*4.0	*36.0	*0.0	*0.0
		NCC0067		*90 9.0					*.06*
UDPIL90021	*H	*ILU0444*WILSON CK	*H	*40 11.8	*12.0*	*7.0	*51.0	*0.0	*0.0
		NCC0068		*90 16.8					*.09*
UDPIL90001	*H	*ILU0682*SWEGLE CK	*H	*40 40.2	*16.0*	*9.0	*26.0	*0.0	*0.0
		NCC0069		*90 15.6					*.07*
UDPIL90001	*H	*ILU1000*SWEGLE CK	*H	*40 40.2	*16.0*	*9.0	*26.0	*0.0	*0.0
		NCC0070		*90 15.6					*.07*
ILNONAME 179		*ILU00216*W. BRANCH COPPER		*40 33.6	*14.0*	*9.0	*39.0	*53.0	*0.0
		*NCC0071*AS		*89 58.2					*.12*
COUNTY NAME	GALLATIN								
EAGLE SLURRY POND		*ILU00043*TR-DMIO RIVER	*H	*37 40.3	*3.0*	*2.0	*51.0	*60.0	*0.0
D		*NRL0009*		*88 13.1					*.06*

LEGEND

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(2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, C=FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
(2) - OPERATOR'S CONTROL, PEARN POND, OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F I L L I N O I S

PROJECT NAME	PROJECT NUMBER	NAME OF STREAM	CR RIVER	PUMP	OWNER	LONGITUDE	AREA	ANNUAL INFLUENCE	NET HEIGHT	MAXIMUM STORAGE	CAPACITY	ENERGY
	(1)			(2)		(3)	(4)	(5)	(6)	(7)	(8)	(9)
COUNTY NAME: GRADY												
IL NNAME 90014	ILU0014	APPLE CREEK				39 26.0	248.0	145.0	70.0	0.0	0.0	0.0
	ILM0009					90 17.4					2.27	4.1
IL NNAME 90049	ILU0049	APPLE CREEK				39 21.6	397.0	242.0	130.0	0.0	0.0	0.0
	ILM0010					90 32.3					6.64	11.9
IL NNAME 90051	ILU0051	MACCOUNPIN CREEK				39 11.1	935.0	569.0	70.0	0.0	0.0	0.0
	ILM0011					90 33.1					6.20	13.3
IL NNAME 90052	ILU0052	MACCOUNPIN CREEK				39 15.6	649.0	442.0	40.0	0.0	0.0	0.0
	ILM0012					90 24.0					2.55	4.5
COUNTY NAME: GRUNDY												
UDPIL90215	ILU0637	HILLS RUN				41 21.0	14.0	8.0	36.0	0.0	0.0	0.0
	ILM0072					88 28.8					.11	.2
UDPIL90216	ILU0638	LONG POINT CK				41 8.8	9.0	5.0	45.0	0.0	0.0	0.0
	ILM0073					88 34.0					.09	.2
COUNTY NAME: HANCOCK												
UDPIL90022	ILU0445	HM CHOOKED CK				40 36.0	19.0	12.0	51.0	0.0	0.0	0.0
	ILM0007					90 57.6					.17	.3
UDPIL90023	ILU0446	S BR CHOOKED CK				40 34.8	14.0	9.0	43.0	0.0	0.0	0.0
	ILM0008					90 57.9					.12	.1
UDPIL90024	ILU0447	SPRING CK				40 34.8	16.0	10.0	40.0	0.0	0.0	0.0
	ILM0009					91 3.0					.13	.2
UDPIL90025	ILU0448	CEDAR CK				40 25.8	15.0	9.0	43.0	0.0	0.0	0.0
	ILM0010					90 55.8					.13	.2

L E G E N D

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(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
DEBRIS CONTROL, POND, OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(4) - U=UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, C-FLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION, DODERIS CONTROL, REPAIR PCNO, OOTHER
- (3) - E-INSTALLED CAPACITY AND ENERGY NNEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (4) - U-INSTALLED CAPACITY AND ENERGY TETOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ILLINOIS

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	CR RIVER	PROJ PURP (1)	PROJ PURP (2)	OWNER	LATITUDE (DM-M)	LONGITUDE (DM-M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	DAM (FT)	STORAGE (1000 AC FT)	CAPACITY (MM)	ENERGY (GWH) (3)
COUNTY NAME: JERSEY															
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH															
UDPIL90037	IL00460	TRIB INDOUIS		M			40 46.8	87 38.4	10.0	6.	24.	0.	0.0U	0.0U	0.
	NCC0076														.07T .1
UDPIL90038	IL00461	JEFFERSON CK		M			40 42.0	87 43.8	21.0	13.	18.	0.	0.0U	0.0U	0.
	NCC0077														.11T .2
UDPIL90039	IL00462	SPRING CK		M			40 31.8	88 5.4	12.0	7.	19.	0.	0.0U	0.0U	0.
	NCC0078														.06T .1
COUNTY NAME: JACKSON															
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH															
KINKAID LAKE	IL00012	KINKAID CREEK		SR			37 48.0	89 30.0	50.0	57.	80.	87.	79.0E	0.0E	0.
	ILMS0013														1.48N 1.9
CEDAR LAKE	IL00095	CEDAR CREEK		C			37 36.0	89 6.0	35.0	40.	73.	80.	80.0E	0.0E	0.
	ILMS0014														.95N 1.2
COUNTY NAME: JASPER															
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH															
NEWTON POWER STA	IL00066	WEATHER CREEK		U			38 53.1	88 18.2	40.0	32.	38.	52.	44.0E	0.0E	0.
	ILRL0010														.34N .4
COUNTY NAME: JEFFERSON															
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH															
HORSE CR	IL00348	HORSE CR					38 27.1	88 48.0	27.0	22.	31.	42.	34.0U	0.0U	0.
	ILRL0011														.33T .3
COUNTY NAME: JERSEY															
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH															
IL N0NAME 90020	ILU0020	PIASA CREEK					38 56.6	90 18.0	120.0	70.	130.	150.	0.0U	0.0U	0.
	ILMS0015														.23T 3.9
LEGEND															

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(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ILLINOIS

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, SWAMP SUPPLY, RECREATION, OTHERS CONTROL, P&FARM POND, OTHER
- (3) - ESTIMATED CAPACITY AND ENERGY
- (4) - UNINSTALLED CAPACITY AND ENERGY
- (5) - INSTALLED CAPACITY AND ENERGY
- (6) - TOTAL POTENTIAL CAPACITY AND ENERGY
- (7) - INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (8) - UNDEVELOPED CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, SWAMP SUPPLY, RECREATION, OTHERS CONTROL, P&FARM POND, OTHER
- (3) - ESTIMATED CAPACITY AND ENERGY
- (4) - UNINSTALLED CAPACITY AND ENERGY
- (5) - INSTALLED CAPACITY AND ENERGY
- (6) - TOTAL POTENTIAL CAPACITY AND ENERGY
- (7) - INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (8) - UNDEVELOPED CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

POTENTIAL HYDROPOWER SITES
IN THE STATE OF ILLINOIS

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, SENATER SUPPLY, RECREATION,
- (2) - DEDENRIS CONTROL, PERFORM PCND, OTHER
- (3) - ESTIMATED CAPACITY AND ENERGY NEWER INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
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(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ILLINOIS

PROJECT NAME	IDENT #	NAME OF STREAM OR RIVER	PROJ#	PLATITUDE	DRAINAGE	AVERAGE	NET HEIGHT	MAXIMUM	CAPACITY	ENERGY
	NUMBER		PUMP	LONGITUDE	AREA	ANNUAL	POWER	OF	STORAGE	(GWH)
	(1)		(2)	(ON, M)	(SQ MI)	(CFS)	(FT)	(AC FT)	(3)	(3)
COUNTY NAME: LABALLE										
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CM										
UDPIL90226	ILU0648	SOMONIAUK CK	SH	41 33.4	72.0	45.	48.	0.	0.0U	0.73T 1.7
	NCC0098			88 40.1					AT	
UDPIL90227	ILU0649	MISSION CK	SH	41 28.7	10.0	6.	39.	0.	0.0U	0.0U 0.
	NCC0097			88 39.6					AT	.09T .2
UDPIL90229	ILU0650	LITTLE VERMILION	SH	41 40.4	123.0	77.	81.	0.	0.0U	0.0U 0.
	NCC0098			89 4.8					AT	2.05T 3.7
UDPIL90230	ILU0651	KICKAPOO CK	SH	41 1.8	7.0	4.	45.	0.	0.0U	0.0U 0.
	NCC0099			88 38.9					AT	.07T .2
UDPIL90231	ILU0652	KICKAPOO CK	SH	41 18.7	9.0	5.	52.	0.	0.0U	0.0U 0.
	NCC0100			88 40.6					AT	.11T .2
UDPIL90232	ILU0653	TRIP-ILLINOIS	SH	41 16.9	5.0	3.	63.	0.	0.0U	0.0U 0.
	NCC0101			89 54.3					AT	.08T .1
UDPIL90233	ILU0654	HOLF CK	SH	41 18.0	15.0	9.	27.	0.	0.0U	0.0U 0.
	NCC0102			88 50.1					AT	.09T .2
UDPIL90228	ILU0684	BUCK CK	SH	41 24.8	38.0	23.	68.	0.	0.0U	0.0U 0.
	NCC0103			88 46.2					AT	.30T .6
UDPIL90228	ILU1001	BUCK CK	SH	41 24.8	38.0	23.	68.	0.	0.0U	0.0U 0.
	NCC0104			88 46.2					AT	.30T .6
MARSEILLES DAM	ILU0003	ILLINOIS RIVER	SH	41 19.2	8250.0	10760.	13.	0.	0.0E	11.00E 60.0
	NCC0105		DAEN MCC	88 42.6					AN	15.31E 39.5
STARVED ROCK DAM	ILU0004	ILLINOIS RIVER	SH	41 19.2	11056.0	14420.	15.	0.	0.0E	12.00E 60.0
	NCC0106		DAEN MCC	88 59.4					AN	26.02E 87.9
DAYTON DAM	ILU0008	FOX RIVER	SH	41 24.6	2570.0	1611.	20.	38.	1.0E	3.68E 15.0
	NCC0107		N. COUNTIES	88 48.0					AN	1.52E 9.0
			HYDRO ELEC C							

LEGEND

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(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ILLINOIS

PROJECT NAME	IDNT	NAME OF STREAM	PRJ#	AVERAGE	NET HEIGHT	MAXIMUM	STORAGE	CAPACITY	ENERGY
	NUMBER	OR RIVER	PURP	ANNUAL POWER	OF				
	(1)		(2)						
COUNTY NAME: LABALLE									
ILNDNAME 437	IL00455	SCHONAU CREEK		39.2	28.2	36.2	4.2E	0.2E	0.
	NCC0103			88 40.8					.26E
COUNTY NAME: LAWRENCE									.5
DIXON	IL00104	ROCK RIVER	COMMONWEALTH	8700.0	9.2	15.2	6.2E	32.00E	14.7
	NCH0004		EDISON CO						0.2E
COUNTY NAME: LIVINGSTON									0.
UDPIL90054	IL00477	MUD CREEK		33.0	20.2	28.2	0.2U	0.2U	0.3
	NCC0109			88 47.4					.20E
UDPIL90055	IL00478	MUD CREEK		22.0	13.2	21.2	0.2U	0.2U	0.
	NCC0110			40 59.3					.10E
UDPIL90056	IL00479	S FK VERMILION		12.0	7.2	23.2	0.2U	0.2U	0.
	NCC0111			40 40.2					.07E
COUNTY NAME: MAGON									.1
OAKLEY	IL00415	SANAGAMON		810.0	31.2	42.2	122.2U	0.2U	0.
	NCC0126			88 51.6					3.00E
UDPIL90059	IL00482	NORTH FORK		18.0	11.2	24.2	0.2U	0.2U	0.
	NCC0127			89 1.8					.11E
UDPIL90060	IL00483	FRIENDS CK		61.0	37.2	22.2	0.2U	0.2U	0.
	NCC0128			41 0.					.29E
UDPIL90061	IL00484	SAND CREEK		14.0	8.2	44.2	0.2U	0.2U	0.
	NCC0129			88 56.4					.15E
									.2

LEGEND

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(3) - ESTIMATED CAPACITY AND ENERGY: NENEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(4) - UNINSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ILLINOIS

PROJECT NAME	IDENT * NUMBER (1)	NAME OF STREAM OR RIVER	PROJ * PURP (2)	OWNER	*LATITUDE *LONGITUDE (ON M)	*DRAINAGE AREA (SQ MI)	*ANNUAL INFLOW (CFS)	*NET *HEIGHT *POWER *OF *STORAGE HEAD *DAM * (1000 (FT) * AC FT) * (3)	*CAPACITY *ENERGY (MW) * (GWH) (3)
COUNTY NAME: MACON									
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH									
UOPIL90062		ILU0485*FINLEY CK			39 45.0	20.0	12.0	32.0	0.0U 0.0U 0.0
		NCC0130			88 52.8				.160T .3
UOPIL90248		ILU0668*FINLEY CK			39 43.7	16.0	10.0	28.0	0.0U 0.0U 0.0
		NCC0131			88 53.4				.110T .2
ILNNAME 108		IL00146*SANGAMON RIVER			39 49.8	906.0	663.0	24.0	22.0E 0.0E 0.0
		NCC0132			88 57.6				.203N 7.9
COUNTY NAME: MACOUPIN									
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH									
OTTER LAKE		IL00133*WEST FORK OTTER			39 24.0	107.0	64.0	51.0	15.0E 0.0E 0.0
		LMS0016*CHICK			89 54.0				.134N 1.8
COUNTY NAME: MADISON									
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH									
IL NNAME 90022		ILU0022*CAHOKIA CREEK			38 17.2	197.0	136.0	50.0	0.0U 0.0U 0.0
		LMS0017			89 56.0				.170T 2.7
ALTON LAKE		IL00116*MISSISSIPPI RIVER			38 54.0	171500.0	99222.0	15.0	169.0E 0.0E 0.0
		LMS0018			90 12.0				.279.29N1082.9
SILVER LAKE		IL00176*EAST FORK SILVER			38 42.0	48.0	33.0	30.0	8.0E 0.0E 0.0
		LMS0019			89 42.0				.30N .4
COUNTY NAME: MARION									
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH									
HELM		ILU0347*SKILLET FK			38 32.0	214.0	171.0	37.0	300.0U 0.0U 0.0
		NRL0012			88 43.8				.100T 2.5

LEGEND

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DEBRIS CONTROL, PUMP POND, OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F I L L I N O I S

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ NUMBER	UNR PURP (2)	PLATITUDE (DM,M)	DRAINAGE AREA (SQ MI)	ANNUAL INFLUW (CFS)	POWER OF DAM (MW)	NET HEIGHT (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY ENERGY (GWH)
CROWN CK EAST	ILU0424	CROWN CK EAST	40	55.8	80.0	47.0	57.0	0.0	0.0	0.0	0.0
	NCC0133		89	18.2				0.0	0.0	0.0	0.0
UDPIL90004	ILU0487	TRIN-CROWN CK	41	4.2	8.0	5.0	43.0	0.0	0.0	0.0	0.0
	NCC0134		89	26.4				0.0	0.0	0.0	0.0
UDPIL90005	ILU0488	SENACHWINE CK	41	.6	40.0	24.0	38.0	0.0	0.0	0.0	0.0
	NCC0135		89	31.2				0.0	0.0	0.0	0.0
UDPIL90006	ILU0489	LITTLE SENACHWINE	40	58.5	5.0	3.0	42.0	0.0	0.0	0.0	0.0
	NCC0136		89	33.0				0.0	0.0	0.0	0.0
UDPIL90007	ILU0490	SHAW CK	41	3.0	12.0	7.0	69.0	0.0	0.0	0.0	0.0
	NCC0137		89	16.2				0.0	0.0	0.0	0.0
UDPIL90008	ILU0491	TRIN-SANDY CK	41	3.0	7.0	7.0	39.0	0.0	0.0	0.0	0.0
	NCC0138		89	12.0				0.0	0.0	0.0	0.0
UDPIL90009	ILU0492	JUDD CK	41	3.5	14.0	9.0	39.0	0.0	0.0	0.0	0.0
	NCC0139		89	8.4				0.0	0.0	0.0	0.0
UDPIL90071	ILU0494	PIGEON CK	40	56.4	7.0	4.0	58.0	0.0	0.0	0.0	0.0
	NCC0140		89	22.8				0.0	0.0	0.0	0.0
ILNDNAME 96	ILU0134	SHAW CREEK	41	4.0	12.4	10.0	68.0	84.0	7.0	0.0	0.0
	NCC0141		89	17.4				0.0	0.0	0.0	0.0
ST HAWY	ILU0423	LA MOINE	40	25.1	563.0	373.0	27.0	55.0	412.0	0.0	0.0
	NCC0112		90	51.1				0.0	0.0	0.0	0.0
UDPIL90073	ILU0496	FK LA MOINE	40	34.0	15.0	9.0	35.0	0.0	0.0	0.0	0.0
	NCC0113		90	34.0				0.0	0.0	0.0	0.0

L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLOW CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,
O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(4) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ILLINOIS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	DRAINAGE AREA (SQ MI)	LONGITUDE (LON)	OWNER	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	STORAGE CAPACITY (1000 AC FT)	ENERGY (KWH) (3)
COUNTY NAME: MC DONOUGH										
UDPIL90074	ILU0497 NCC0114	SHORT FORK	M	7.0	40 33.0 90 37.8		4.0	29.0	0.0	0.0
UDPIL90076	ILU0499 NCC0115	BAPTIST CK	M	8.0	40 32.1 90 51.6		5.0	35.0	0.0	0.0
UDPIL90078	ILU0501 NCC0116	CAMP CK	M	51.0	40 20.2 90 45.6		31.0	31.0	0.0	0.0
UDPIL90079	ILU0502 NCC0117	GRINDSTONE CK	M	41.0	40 17.8 90 45.0		25.0	48.0	0.0	0.0
COUNTY NAME: MC HENRY										
UDPIL90235	ILU0505 NCC0118	HIPPERSINK CK	M	22.0	42 28.6 88 29.6		13.0	14.0	0.0	0.0
ILNAME 562	ILU0565 NCC0119	HIPPERSINK CREEK		97.2	42 24.6 88 20.4		57.0	16.0	22.0	0.0
ILNAME 568	ILU0591 NCC0120	THIR - FLX RIVER		8.5	42 10.8 88 19.2		7.0	39.0	50.0	0.0
COUNTY NAME: MCLEAN										
UDPIL90080	ILU0503 NCC0121	SIX MILE CK	M	39.0	40 35.4 89 0.0		24.0	29.0	0.0	0.0
UDPIL90081	ILU0504 NCC0122	SIX MILE CK	M	41.0	40 39.6 89 .6		25.0	45.0	0.0	0.0
UDPIL90082	ILU0505 NCC0123	SIX MILE CK	M	42.0	40 37.5 89 2.1		26.0	58.0	0.0	0.0
L E G E N D										

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION,
DRAINAGE CONTROL, PEFARM POND, DROTHEN
(3) - ESTIMATED CAPACITY AND ENERGY
(3) - UNINSTALLED CAPACITY AND ENERGY
(3) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - UNDEVELOPED SITES

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P U T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F I L L I N O I S

PROJECT NAME	IDENT * NUMBER * (1) *	NAME OF STREAM * CN RIVER *	PUMP * (2) *	OWNER	LATITUDE * (DN.M) *	LONGITUDE * (SU MI) *	AREA * (SQ MI) *	ANNUAL * (CFB) *	INFLOW * (FT) *	HEAD * (FT) *	NET * (AC FT) *	HEIGHTS * (FT) *	MAXIMUM * (GPM) *	CAPACITY * (MW) *	ENERGY * (3) *
COUNTY NAME: MCLEAN															
UDPIL90083	ILU0506	WEST FORK			40 18.6	16.0	10.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	NCC0124				88 46.2										0.0
UDPIL90086	ILU0509	LITTLE KICKAPOO			40 21.0	25.0	15.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	NCC0125				88 57.0										0.0
COUNTY NAME: MENARD															
UDPIL90087	ILU0510	CLARY CK			39 55.2	39.0	24.0	61.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	NCC0142				89 10.2										0.0
UDPIL90089	ILU0512	TAN CREEK			40 5.4	5.0	3.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	NCC0143				89 53.4										0.0
UDPIL90090	ILU0513	CONCORD CK			40 3.6	12.0	7.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	NCC0144				89 51.6										0.0
UDPIL90093	ILU0516	ROCK CREEK			39 55.5	18.0	11.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	NCC0145				89 46.2										0.0
COUNTY NAME: MONTGOMERY															
CENTRAL ILLINOIS	ILU00135	TR-MCDAVID BRANCH			39 0.0	90.0	61.0	50.0	60.0	28.0	28.0	28.0	28.0	28.0	28.0
POWER SERVICE	LMS0020				89 24.0										1.1
LAKE LOU YEAGER	ILU00693	WEST FORK SHOAL			39 12.0	340.0	207.0	45.0	52.0	21.0	21.0	21.0	21.0	21.0	21.0
	LMS00021	CREEK			89 42.0										3.8
COUNTY NAME: MORGAN															
IL NOKANE 90006	ILU00006	INDIAN CREEK			39 51.4	150.0	88.0	70.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0
	LMS00022				90 22.0										2.7

(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, COLDWATER CONTROL, NAVIGATION, SANITARY SUPPLY, RECREATION,
(3) - ESTIMATED CAPACITY AND ENERGY: NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - UNINSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F I L L I N O I S

PROJECT NAME	IDENT * NUMBER (1)	NAME OF STREAM OR RIVER	PROJ * PUMP (2)	OWNER	*LATITUDE (DM.M)	*DRAINAGE AREA (SQ MI)	*ANNUAL *POWER INFLON *MEAN * DAM * (CFPS) * (FT) * AC FT) * (3) * (3)	*AVERAGE * NET *HEIGHT * MAXIMUM * OF * STORAGE CAPACITY * ENERGY (MW) * (GWH)
COUNTY NAME: MORGAN								
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH								
UDPIL90095	*ILU0519*	MUD CREEK	*SH		39 51.6 *	9.0 *	5. *	45. *
	NCC0019				90 23.4 *			0. *
UDPIL90097	*ILU0520*	LITTLE INDIAN	*SH		39 58.8 *	36.0 *	22. *	55. *
	NCC0020				90 19.2 *			0. *
UDPIL90098	*ILU0521*	INDIAN CK	*SH		39 50.2 *	41.0 *	26. *	30. *
	NCC0021				90 9.7 *			0. *
UDPIL90100	*ILU0523*	INDIAN CK	*SH		38 1.2 *	104.0 *	65. *	47. *
	NCC0022				90 17.8 *			0. *
LAKE JACKSONVILLE	*ILU0711*	SANDY CREEK	*SH		39 42.0 *	17.0 *	12. *	42. *
	LMS0023				90 6.0 *			7. *
COUNTY NAME: COLE								
FERC POWER SUPPLY AREA 14 FERC REGIONAL OFFICE CODE CH								
BYRON	*ILU0367*	ROCK RIVER			42 10.0 *	7990.0 *	4136. *	18. *
	NCR0018				89 0. *			0. *
GRAND DETOUR	*ILU0369*	ROCK RIVER			42 50.0 *	8565.0 *	5343. *	24. *
	NCR0019				89 30.0 *			0. *
COUNTY NAME: PEORIA								
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH								
JUBILEE	*ILU0420*	KICKAPOO CK			40 50.0 *	120.0 *	75. *	6. *
	NCC0146				89 46.8 *			7. *
UDPIL90101	*ILU0524*	TRIN-SPOON	*SH		40 55.8 *	5.0 *	3. *	45. *
	NCC0147				89 51.0 *			0. *
UDPIL90102	*ILU0525*	HENRY CK	*SH		40 55.5 *	4.0 *	3. *	50. *
	NCC0148				89 34.2 *			0. *
								0. *

L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLUW CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,
D=DEBRIS CONTROL, P=PEAK FLOOD, O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(4) - UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ILLINOIS

PROJECT NAME	ID	NAME OF STREAM	PROJ	OWNER	LONGITUDE	AREA	INFLU	ANNUAL	AVERAGE	NET	HEIGHT	MAXIMUM	STORAGE	CAPACITY	ENERGY
					(DM.M)	(80 MI)	(CFS)	(FT)	(FT)	(FT)	(FT)	(1000)	(MM)	(GWH)	(3)
COUNTY NAME: PEORIA															
UDPIL90103	ILU0526	SENACHWINE	SH		40 55.8	43.0	26	70	0	0	0	0	0	0	0
	NCC0149				89 31.2										
UDPIL90104	ILU0527	JUBILEE CK	SH		40 51.6	7.0	4	63	0	0	0	0	0	0	0
	NCC0150				89 48.6										
UDPIL90106	ILU0529	JOHNSON RUN	SH		40 43.2	12.0	7	38	0	0	0	0	0	0	0
	NCC0151				89 45.0										
UDPIL90107	ILU0530	NIXON RUN	SH		40 44.4	9.0	5	39	0	0	0	0	0	0	0
	NCC0152				89 49.2										
UDPIL90109	ILU0532	TRIN FK KICKAP	SH		40 42.6	5.0	3	43	0	0	0	0	0	0	0
	NCC0153				89 53.6										
UDPIL90110	ILU0533	BR COPPERAS	SH		40 36.6	12.0	7	55	0	0	0	0	0	0	0
	NCC0154				89 51.0										
UDPIL90111	ILU0534	BR LAMARSH CK	SH		40 35.9	16.0	9	29	0	0	0	0	0	0	0
	NCC0155				89 43.8										
UDPIL90112	ILU0535	LITTLE LAMARSH	SH		40 33.6	4.0	2	54	0	0	0	0	0	0	0
	NCC0156				89 45.6										
UDPIL90113	ILU0536	BR COPPERAS CK	SH		41 4.2	61.0	38	77	0	0	0	0	0	0	0
	NCC0157				89 53.3										
UDPIL90250	ILU0670	JUBILEE CK	SH		40 47.7	34.0	21	58	0	0	0	0	0	0	0
	NCC0158				89 46.8										
PEORIA DAM	IL00938	ILLINOIS R.		DAEN NCC	40 37.8	1455.0	13300	9	0	0	0	0	0	0	0
	NCC0159				89 37.8										

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
DEBRIS CONTROL, P/FARM POND, D/FOTHER
(3) - ESTIMATED CAPACITY AND ENERGY NENEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ILLINOIS

PROJECT NAME	IDENT * NUMBER (1)	NAME OF STREAM CR RIVER	PROJ * PURP (2)	OWNER	*LATITUDE *LONGITUDE (DM,M)	*DRAINAGE AREA (SQ MI)	*AVERAGE ANNUAL *POWER INFLUN * HEAD (CFS) * (FT)	*NET *HEIGHT OF * STORAGE CAPACITY * ENERGY (MH) * (GWH) (3) * (3)
COUNTY NAME: PIATT								
UDPIL90115		*ILU0538*WILDCAT CK	*M		*39 53.3	*9.0	*5	*27
		*NCC0160			*88 38.4			*0.0
								*.065T
UDPIL90116		*ILU0539*GOOSE CK	*M		*40 2.4	*60.0	*37	*25
		*NCC0161			*88 36.6			*0.0
								*.385T
COUNTY NAME: PIKE								
IL NNAME 90003		*ILU0003*MCKEE CREEK			*39 49.6	*325.0	*190	*90
		*LMS0024			*90 40.0			*100
								*0.0
IL NO NAME 717		*IL00741*BLUE CREEK	*SCR	*CITY OF PITT	*39 37.9	*13.0	*9	*25
		*NCR0005		*SFIELD	*90 44.8			*34
								*7.5
COUNTY NAME: POPE								
BAY CK STR / 5		*IL00040*BAY CREEK	*C		*37 29.1	*22.0	*17	*37
		*ORL0013			*88 41.3			*50
								*6.5
COUNTY NAME: PUTNAM								
UDPIL90239		*ILU0660*CRONW CK	*M		*41 7.6	*54.0	*33	*63
		*NCC0162			*89 24.9			*9999
								*0.0
UDPIL90241		*ILU0661*CLEAR CK	*M		*41 7.5	*35.0	*22	*72
		*NCC0163			*89 14.2			*0
								*0.0
UDPIL90242		*ILU0662*CLEAR CK	*M		*41 7.8	*12.0	*7	*63
		*NCC0164			*89 14.8			*0
								*0.0
UDPIL90243		*ILU0663*LITTLE SANDY CK	*M		*41 5.7	*29.0	*18	*31
		*NCC0165			*89 11.8			*0
								*0.0
								*.195T
								*.195T

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLOW CONTROL, N=NAVIGATION, S=SWATER SUPPLY, R=RECREATION,
O=OFFSHORE CONTROL, P=PEAK POND, D=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F I L L I N O I S

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM CR RIVER	PROJ. PURP. (2)	OMNR	LATITUDE (DM,N)	LONGITUDE (DM,W)	AREA (SQ MI)	AVERAGE ANNUAL INFLW (CFS)	NET POWER (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 MW)	CAPACITY (3)	ENERGY (3)
COUNTY NAME: PUTNAM													
FERC POWER SUPPLY AREA 4 FERC REGIONAL OFFICE CODE CH													
UDPIL90240	ILU0685	SENACHAINE CK	M		41 10.6	89 24.7	35.0	22.0	76.0	0.0	0.0	0.0	0.0
	NCC0166												.47
UDPIL90240	ILU1002	SENACHAINE CK	M		41 10.6	89 24.7	35.0	22.0	76.0	0.0	0.0	0.0	0.0
	NCC0167												.55
COUNTY NAME: RANDOLPH													
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH													
KASKASKIA RIVER	IL00115	KASKASKIA RIVER	N		38 0.0	89 54.0	5839.0	4103.0	15.0	53.0	25.0	0.0	0.0
NAVIGATION POOL	LM30025												19.74
BALDWIN LAKE	IL00347	TR-KASKASKIA RIV	U		38 12.0	89 48.0	90.0	61.0	32.0	40.0	26.0	0.0	0.0
	LM30026	ER											.61
COUNTY NAME: RICHLAND													
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH													
FOX RIV	ILU0352	FOX RIV			38 45.2	88 6.6	84.0	67.0	23.0	31.0	55.0	0.0	0.0
	MRLO014												.59
COUNTY NAME: ROCK ISLAND													
SEARS DAM	ILU0365	ROCK RIVER			41 25.0	90 30.0	10700.0	6524.0	11.0	0.0	0.0	1.44	11.0
	NCR0006												15.71
BARSTON	ILU0366	ROCK RIVER			41 30.0	90 30.0	9680.0	5902.0	28.0	0.0	0.0	0.0	0.0
	NCR0007												39.49
IL NO NAME 98	IL00135	BRIG BRANCH	R		41 26.1	90 49.9	7.0	4.0	52.0	63.0	4.0	0.0	0.0
	NCR0008												.06
HOLINE GENERATING	IL00798	SYLVAN SLOUGH	M		41 30.9	90 32.4	88500.0	49137.0	9.0	34.0	2.0	3.60	25.0
G STATION DAM	NCR0009												71.39
L E G E N D													

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
DEBRIS CONTROL, PUMP POND, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - US-INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ILLINOIS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ. PURP. (2)	OWNER	LATITUDE (N)	LONGITUDE (W)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFL. (CFS)	NET HEAD (FT)	OF DAM (1000)	STORAGE (1000)	CAPACITY (3)	ENERGY (3)
COUNTY NAME: SALINE													
STONEFORT BLUFF	ILU0360	SO FK SALINE RIV			37 36.9	88 38.8	30.0	24.0	36.0	45.0	35.0	0.0	0.0
	ORL0015											.51	.7
BRUSHY CREEK	ILU0361	BRUSHY CREEK			37 46.0	88 37.1	22.0	18.0	33.0	45.0	30.0	0.0	0.0
	ORL0016											.27	.3
COUNTY NAME: SANGAMON													
ROCHESTER	ILU0417	S FK SANGAMON			39 43.7	89 33.6	863.0	555.0	35.0	47.0	404.0	0.0	0.0
	NCC0169											3.65	9.0
UDPIL90118	ILU0541	TRIB-DOLF CK			39 53.4	89 30.6	10.0	6.0	32.0	0.0	0.0	0.0	0.0
	NCC0170											.07	.1
UDPIL90125	ILU0548	SPRING CK			39 48.0	89 49.6	92.0	57.0	34.0	0.0	0.0	0.0	0.0
	NCC0171											.65	1.0
UDPIL90126	ILU0549	LITTLE SPRING CK			39 45.6	89 46.2	10.0	6.0	34.0	0.0	0.0	0.0	0.0
	NCC0172											.07	.1
UDPIL90127	ILU0550	LICK CK			39 39.0	89 51.6	27.0	16.0	30.0	0.0	0.0	0.0	0.0
	NCC0173											.17	.3
UDPIL90132	ILU0555	RICHLAND CK			39 51.6	89 49.2	10.0	6.0	37.0	0.0	0.0	0.0	0.0
	NCC0174											.05	.2
COUNTY NAME: SCHUYLER													
UDPIL90133	ILU0556	MILLCK CK			40 13.8	90 45.6	7.0	4.0	40.0	0.0	0.0	0.0	0.0
	NCC0175											.07	.1
UDPIL90134	ILU0557	HONEY BR			40 13.5	90 42.6	10.0	6.0	40.0	0.0	0.0	0.0	0.0
	NCC0176											.07	.1

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CLOUD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
DEBRIS CONTROL, PEFAM POND, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY, NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F I L L I N O I S

PROJECT NAME	IDENT * NUMBER * (1) *	NAME OF STREAM * DR RIVER * (2) *	CANEN * PUMP * (2) *	LATITUDE * (DM,M) *	LONGITUDE * (SU MI) *	AREA * (SQ MI) *	INFLUM * (CFS) *	HEAD * (FT) *	DAM * (AC FT) *	STORAGE * (1000 * (GWH) *	CAPACITY * (3) * (3) *	ENERGY
COUNTY NAME: SCHUYLER												
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CM												
UDPIL90135	IL00550	HONEY BR		40 14.4	90 40.8	6.0	4.0	54.0	0.0	0.0	0.0	0.0
	NCC0177			90 40.8								.085T
UDPIL90136	IL00559	RICH BR		40 15.0	90 46.8	6.0	3.0	43.0	0.0	0.0	0.0	0.0
	NCC0178			90 46.8								.075T
UDPIL90137	IL00560	HONEUR BR		40 13.2	90 32.4	6.0	5.0	45.0	0.0	0.0	0.0	0.0
	NCC0179			90 32.4								.095T
UDPIL90138	IL00561	FOMLER BR		40 12.6	90 42.6	6.0	4.0	67.0	0.0	0.0	0.0	0.0
	NCC0180			90 42.6								.105T
UDPIL90140	IL00563	CEDAR CK		40 8.8	90 48.2	52.0	32.0	76.0	0.0	0.0	0.0	0.0
	NCC0181			90 48.2								.745T
UDPIL90142	IL00565	RUSHY CK		40 6.4	90 40.8	12.0	7.0	45.0	0.0	0.0	0.0	0.0
	NCC0182			90 40.8								.105T
UDPIL90143	IL00566	STONY CK		40 8.1	90 41.8	14.0	8.0	45.0	0.0	0.0	0.0	0.0
	NCC0183			90 41.8								.125T
UDPIL90145	IL00568	CRANE CK		40 2.4	90 32.7	13.0	6.0	55.0	0.0	0.0	0.0	0.0
	NCC0184			90 32.7								.135T
UDPIL90147	IL00570	HONEY BR		40 4.8	90 40.2	13.0	8.0	41.0	0.0	0.0	0.0	0.0
	NCC0185			90 40.2								.105T
UDPIL90148	IL00571	RYAN BR		40 5.4	90 39.8	9.0	5.0	40.0	0.0	0.0	0.0	0.0
	NCC0186			90 39.8								.075T
UDPIL90149	IL00572	MISSOURI CK		40 13.7	90 51.0	67.0	54.0	47.0	0.0	0.0	0.0	0.0
	NCC0187			90 51.0								.975T
UDPIL90150	IL00573	TOURN BR		40 1.2	90 35.4	14.0	9.0	36.0	0.0	0.0	0.0	0.0
	NCC0188			90 35.4								.105T

L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, C=LOAD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
D=DEBRIS CONTROL, P=POND, D=OTHER
(3) - EXISTING CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - EXISTING CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F I L L I N O I S

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	CR RIVER	PROJ. PURP. (2)	OWNER	PLATITUDE (DN.M)	DRAINAGE AREA (SQ MI)	ANNUAL FLOW (CFS)	INFORM. HEAD (FT)	DF	STORAGE (1000 AC FT)	CAPACITY (MW)	ENERGY (3)
COUNTY NAMES: SCOTT													
IL N0NAME 90008	IL00008	MAHAISE TERRE C				39 42.1	160.0	118.	70.	80.	0.	0.	0.
	ILMS0027	NEEN				90 34.4					2.30	AT	4.8
IL N0NAME 90011	IL00011	SANDY CREEK				39 33.5	130.0	79.	90.	100.	0.	0.	0.
	ILMS0026					90 31.5					2.00	AT	3.1
COUNTY NAMES: SHELBY													
LAKE SHELBYVILLE	IL00118	KASKASKIA RIVER				39 24.0	1030.0	813.	96.	108.	0.	0.	0.
DAM	ILMS0029					88 48.0					26.87	AN	51.0
COUNTY NAMES: ST CLAIR													
DRESDEN ISLAND	IL00002	ILLINOIS RIVER			DAEN NCC	41 24.0	7279.0	5560.	19.	0.	0.	0.	0.
	ILNCC0168					88 16.8					15.10	AN	9.3
COUNTY NAMES: STARK													
UDPIL90152	IL00575	INDIAN CK				40 6.6	20.0	17.	27.	0.	0.	0.	0.
	ILNCC0189					89 53.4					.10	AT	.3
UDPIL90153	IL00576	INDIAN CK				41 5.3	37.0	23.	39.	0.	0.	0.	0.
	ILNCC0190					89 53.4					.32	AT	.5
UDPIL90154	IL00577	JACK CK				41 6.8	16.0	9.	40.	0.	0.	0.	0.
	ILNCC0191					89 46.8					.13	AT	.2
UDPIL90156	IL00579	INDIAN CK				41 0.	64.0	40.	52.	0.	0.	0.	0.
	ILNCC0192					89 50.4					.75	AT	1.1

L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: I=IRRIGATION, M=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
D=DEBRIS CONTROL, P=PARK POND, O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
 U=UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ILLINOIS

PROJECT NAME	IDNT * NUMBER	NAME OF STREAM CH RIVER	PROJ * NUMBER	QNH * (2)	* LATITUDE (N,M)	* DRAINAGE AREA * (SQ MI)	* AVERAGE * ANNUAL * INFLW * (CFS)	* NET HEIGHT * OF * HEAD * (FT)	* STORAGE * CAPACITY * (1000 * GAL)	* ENERGY (3) * (3)
COUNTY NAMES: TAZEWELL										
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CM										
UDPIL90157	* ILU0580	* TR16-MUD CK	* M	* 40 31.8	* 9.0	* 5.0	* 36.0	* 0.0	* 0.0	* 0.0
	* NCC0193			* 89 27.6					* 0.0	* 0.1
UDPIL90158	* ILU0581	* ALLOWAY CK	* M	* 40 33.0	* 12.0	* 7.0	* 40.0	* 0.0	* 0.0	* 0.0
	* NCC0194			* 89 19.0					* 0.0	* 0.2
UDPIL90160	* ILU0583	* DILLION CK	* M	* 40 26.7	* 34.0	* 21.0	* 48.0	* 0.0	* 0.0	* 0.0
	* NCC0195			* 89 54.2					* 0.0	* 0.6
UDPIL90161	* ILU0584	* LOST CK	* M	* 40 28.2	* 7.0	* 4.0	* 51.0	* 0.0	* 0.0	* 0.0
	* NCC0196			* 89 36.3					* 0.0	* 0.1
UDPIL90163	* ILU0586	* INDIAN CK	* M	* 40 24.0	* 11.0	* 7.0	* 39.0	* 0.0	* 0.0	* 0.0
	* NCC0197			* 89 27.6					* 0.0	* 0.1
COUNTY NAMES: UNION										
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CM										
DAM NO 3 CACHE RIVER	* ILU0363	* TA CACHE RIV	* M	* 37 27.6	* 38.0	* 30.0	* 35.0	* 45.0	* 5.0	* 0.0
IV	* ORL0017			* 89 1.0					* 0.0	* 1.0
DAM NO 2 CACHE RIVER	* ILU0364	* TA CACHE RIV	* M	* 37 29.1	* 40.0	* 32.0	* 35.0	* 45.0	* 13.0	* 0.0
IV	* ORL0018			* 89 5.6					* 0.0	* 1.0
COUNTY NAMES: VERMILION										
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CM										
VERMILION-DANVILLE	* ILU0356	* VERMILION RIV	* M	* 40 3.4	* 973.0	* 778.0	* 48.0	* 65.0	* 334.0	* 0.0
LLE	* ORL0019			* 87 41.4					* 0.0	* 12.9
KICKAPOO	* ILU0357	* VERMILION RIV	* M	* 40 9.7	* 420.0	* 336.0	* 47.0	* 63.0	* 185.0	* 0.0
	* ORL0020			* 87 44.4					* 0.0	* 7.5
SALT FORK	* ILU0358	* SALT FORK	* M	* 40 4.1	* 498.0	* 400.0	* 35.0	* 47.0	* 120.0	* 0.0
	* ORL0021			* 87 54.3					* 0.0	* 6.9

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
(3) - E=INSTALLED CAPACITY AND ENERGY NEMF INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ILLINOIS

PROJECT NAME	ID	NAME OF STREAM OR RIVER	PROJ#	OWNER	LONGITUDE (DM,M)	AREA (SQ MI)	INFLW (CFS)	HEAD (FT)	STORAGE (1000 (MM))	DE	HEIGHT	CAPACITY (MM)	ENERGY (3)
UDPIL90164	ILU0587	CEDAR FORK	NCC0023		40 48.0	11.0	7.0	29.0	0.0	0.0	0.0	0.0	0.0
UDPIL90165	ILU0588	CEDAR CK	NCC0024		40 49.2	32.0	19.0	46.0	0.0	0.0	0.0	0.0	0.0
UDPIL90166	ILU0589	SWAN CK	NCC0025		40 39.0	102.0	64.0	36.0	0.0	0.0	0.0	0.0	0.0
UDPIL90167	ILU0590	LITTLE SWANCK	NCC0026		40 41.1	9.0	5.0	38.0	0.0	0.0	0.0	0.0	0.0
UDPIL90168	ILU0591	SWAN CK	NCC0027		40 39.0	12.0	7.0	40.0	0.0	0.0	0.0	0.0	0.0
UDPIL90169	ILU0592	BIG RIGGER CK	NCC0028		40 40.7	10.0	6.0	51.0	0.0	0.0	0.0	0.0	0.0
IL NO NAME 448	ILU0469	LITTLE SWAN CREEK	NCH0010K	PRIVATE	40 40.4	7.0	6.0	29.0	39.0	3.0	0.0	0.0	0.0
BRUSH CR	ILU0349	BRUSH CR	NRL0022		38 31.2	42.0	34.0	24.0	33.0	30.0	0.0	0.0	0.0
ELM RIV	ILU0350	ELM RIV	NRL0023		38 32.2	155.0	124.0	27.0	36.0	150.0	0.0	0.0	0.0
BEAR CREEK	ILU0362	BEAR CREEK	NRL0024		37 54.8	48.0	36.0	33.0	45.0	60.0	0.0	0.0	0.0

LEGEND
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(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
D=DEBRIS CONTROL, P=PARK POND, O=OTHER
(3) - ESTIMATED CAPACITY AND ENERGY
(4) - ESTIMATED CAPACITY AND ENERGY
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(07/09/79)

P R E L I M I N A R Y E S T I M A T E S

P O T E N T I A L H Y D R O P O W E R S I T E S

I N T H E S T A T E O F I L L I N O I S

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PURPOSE (2)	CHANN	ALTITUDE (ON.M)	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CFS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE CAPACITY (1000 M3)	ENERGY CAPACITY (3)
COUNTY NAME: WHITEHOLE											
FERC POWER SUPPLY AREA 14 FERC REGIONAL OFFICE CODE CM											
COMO	IL00368	ROCK RIVER			41 40.0	9030.0	5272.0	9.0	0.0	0.0	0.0
	NC00011				90 0.0					0.0	0.0
LYNDON	IL00371	ROCK RIVER			41 40.0	9090.0	5307.0	10.0	0.0	0.0	0.0
	NC00012				90 0.0					0.0	0.0
ABOVE LYNDON	IL00372	ROCK RIVER			41 40.0	9060.0	5269.0	9.0	0.0	0.0	0.0
	NC00013				90 0.0					0.0	0.0
SINISIPPI BAY	IL00027	ROCK RIVER			41 47.7	8715.0	5088.0	10.0	12.0	0.0	0.0
	NC00014				89 39.0					0.0	0.0
COUNTY NAME: WILL											
FERC POWER SUPPLY AREA 14 FERC REGIONAL OFFICE CODE CM											
UDPIL90246	IL00664	SPRING CK			41 2.5	14.0	8.0	31.0	0.0	0.0	0.0
	NC00198				87 50.0					0.0	0.0
UDPIL90245	IL00665	HICKORY CK			41 3.0	40.0	25.0	23.0	0.0	0.0	0.0
	NC00199				87 53.0					0.0	0.0
UDPIL90246	IL00666	JACKSON CK			41 24.0	45.0	28.0	22.0	0.0	0.0	0.0
	NC00200				88 7.0					0.0	0.0
UDPIL90247	IL00667	CEDAR CK			41 26.5	13.0	8.0	40.0	0.0	0.0	0.0
	NC00201				88 10.1					0.0	0.0
BRANDON RD POOL	IL00001	DES PLAINES R.		DAEN NCC	41 30.0	1506.0	1269.0	29.0	0.0	0.0	0.0
	NC00202				88 6.0					0.0	0.0
LOCKPORT POOL	IL00007	CHICAGO SANITARY		MSDGC	41 20.4	740.0	507.0	36.0	0.0	0.0	0.0
	NC00203	AND SHIPCAN			88 2.8					0.0	0.0
										0.0	0.0

L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CLOUD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
(3) - INSTALLED CAPACITY AND ENERGY: UDESIS CONTROL, REPAIR POOL, OTHER
(3) - INSTALLED CAPACITY AND ENERGY: NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - INSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ILLINOIS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PURPOSE (2)	LATITUDE (N, M)	LONGITUDE (W, M)	AREA (SQ MI)	ANNUAL DRAINAGE (CFR)	AVERAGE ANNUAL POREHEAD (FT)	NET HEIGHT OF DAM (FT)	STORAGE CAPACITY (1000 AC FT)	ENERGY (MMH)
COUNTY NAMES WILLIAMSON											
CRAB ORCHARD LAKES	IL000033	CRAB ORCHARD CREEK		37 42.0	89 12.0	215.0	266.0	30.0	45.0	166.0	0.0
E	ILMS0030										5.2
LITTLE GRASSY LAKE	IL000044	LITTLE GRASSY CREEK		37 36.0	89 6.0	15.0	17.0	78.0	85.0	34.0	0.0
KE	ILMS0031										.5
DEVILS KITCHEN LAKE	IL000045	BIG GRASSY CREEK		37 36.0	89 6.0	20.0	23.0	80.0	87.0	106.0	0.0
ARE	ILMS0032										.7
COUNTY NAMES WINNEBAGO											
LATHAM PARK	IL003700	ROCK RIVER		42 20.0	89 0.0	6475.0	5201.0	11.0	0.0	0.0	0.0
ROCKTON	IL001000	ROCK RIVER		42 27.4	89 4.7	3425.0	1566.0	15.0	14.0	0.0	1.10E 6.0
FORDAN	IL001070	ROCK RIVER		42 15.9	89 5.7	6500.0	1559.0	9.0	12.0	0.0	2.88E 8.6
COUNTY NAMES WOODFORD											
MACKINAW DELLS	IL004210	MACKINAW		40 38.4	89 11.8	700.0	449.0	58.0	65.0	675.0	0.0
UDPIL90170	IL005930	PARTIDGE CK		40 49.2	89 28.1	26.0	16.0	71.0	0.0	0.0	4.22E 12.3
UDPIL90172	IL005950	BR PANTHER		40 44.4	89 6.0	60.0	37.0	26.0	0.0	0.0	0.0
UDPIL90173	IL005960	WALNUT CK		40 37.8	89 13.8	72.0	45.0	59.0	0.0	0.0	.33E 5
	ILNCC0207										.96E 1.4

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION, D=DEBRIS CONTROL, P=POND, O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY, N=NET INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY, T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

[illegible]

STATE OF INDIANA

(07/08/79)

... PRELIMINARY ESTIMATE ...

PHYSICAL POTENTIAL FOR ADDITIONAL
HYDROELECTRIC CAPACITY AND ENERGY DEVELOPMENT
IN THE STATE OF INDIANA

POTENTIAL INCREMENTAL CAPACITY RANGES									
EXISTING HYDROPOWER DEVELOPMENT		ADDITIONAL POTENTIAL AT EXISTING DAMS		TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS 2 AND 3)		SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT)		SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIGAWATT-HOUR)	
CAPACITY	ENERGY	CAPACITY	ENERGY	CAPACITY	ENERGY	CAPACITY	ENERGY	CAPACITY	ENERGY
0-19	20-49	50-99	>100	TOTAL		0-15 MM	15 MM - 25 MM	GREATER THAN 25 MM	TOTAL
NUMBER	NUMBER	NUMBER	NUMBER	NUMBER		NUMBER	NUMBER	NUMBER	NUMBER
CAPACITY	CAPACITY	CAPACITY	CAPACITY	CAPACITY		CAPACITY	CAPACITY	CAPACITY	CAPACITY
ENERGY	ENERGY	ENERGY	ENERGY	ENERGY		ENERGY	ENERGY	ENERGY	ENERGY
1	1	1	1	1		1	1	1	1
2	2	2	2	2		2	2	2	2
3	3	3	3	3		3	3	3	3
4	4	4	4	4		4	4	4	4
5	5	5	5	5		5	5	5	5
6	6	6	6	6		6	6	6	6
7	7	7	7	7		7	7	7	7
8	8	8	8	8		8	8	8	8
9	9	9	9	9		9	9	9	9
10	10	10	10	10		10	10	10	10
11	11	11	11	11		11	11	11	11
12	12	12	12	12		12	12	12	12
13	13	13	13	13		13	13	13	13
14	14	14	14	14		14	14	14	14
15	15	15	15	15		15	15	15	15
16	16	16	16	16		16	16	16	16
17	17	17	17	17		17	17	17	17
18	18	18	18	18		18	18	18	18
19	19	19	19	19		19	19	19	19
20	20	20	20	20		20	20	20	20
21	21	21	21	21		21	21	21	21
22	22	22	22	22		22	22	22	22
23	23	23	23	23		23	23	23	23
24	24	24	24	24		24	24	24	24
25	25	25	25	25		25	25	25	25
26	26	26	26	26		26	26	26	26
27	27	27	27	27		27	27	27	27
28	28	28	28	28		28	28	28	28
29	29	29	29	29		29	29	29	29
30	30	30	30	30		30	30	30	30
31	31	31	31	31		31	31	31	31
32	32	32	32	32		32	32	32	32
33	33	33	33	33		33	33	33	33
34	34	34	34	34		34	34	34	34
35	35	35	35	35		35	35	35	35
36	36	36	36	36		36	36	36	36
37	37	37	37	37		37	37	37	37
38	38	38	38	38		38	38	38	38
39	39	39	39	39		39	39	39	39
40	40	40	40	40		40	40	40	40
41	41	41	41	41		41	41	41	41
42	42	42	42	42		42	42	42	42
43	43	43	43	43		43	43	43	43
44	44	44	44	44		44	44	44	44
45	45	45	45	45		45	45	45	45
46	46	46	46	46		46	46	46	46
47	47	47	47	47		47	47	47	47
48	48	48	48	48		48	48	48	48
49	49	49	49	49		49	49	49	49
50	50	50	50	50		50	50	50	50
51	51	51	51	51		51	51	51	51
52	52	52	52	52		52	52	52	52
53	53	53	53	53		53	53	53	53
54	54	54	54	54		54	54	54	54
55	55	55	55	55		55	55	55	55
56	56	56	56	56		56	56	56	56
57	57	57	57	57		57	57	57	57
58	58	58	58	58		58	58	58	58
59	59	59	59	59		59	59	59	59
60	60	60	60	60		60	60	60	60
61	61	61	61	61		61	61	61	61
62	62	62	62	62		62	62	62	62
63	63	63	63	63		63	63	63	63
64	64	64	64	64		64	64	64	64
65	65	65	65	65		65	65	65	65
66	66	66	66	66		66	66	66	66
67	67	67	67	67		67	67	67	67
68	68	68	68	68		68	68	68	68
69	69	69	69	69		69	69	69	69
70	70	70	70	70		70	70	70	70
71	71	71	71	71		71	71	71	71
72	72	72	72	72		72	72	72	72
73	73	73	73	73		73	73	73	73
74	74	74	74	74		74	74	74	74
75	75	75	75	75		75	75	75	75
76	76	76	76	76		76	76	76	76
77	77	77	77	77		77	77	77	77
78	78	78	78	78		78	78	78	78
79	79	79	79	79		79	79	79	79
80	80	80	80	80		80	80	80	80
81	81	81	81	81		81	81	81	81
82	82	82	82	82		82	82	82	82
83	83	83	83	83		83	83	83	83
84	84	84	84	84		84	84	84	84
85	85	85	85	85		85	85	85	85
86	86	86	86	86		86	86	86	86
87	87	87	87	87		87	87	87	87
88	88	88	88	88		88	88	88	88
89	89	89	89	89		89	89	89	89
90	90	90	90	90		90	90	90	90
91	91	91	91	91		91	91	91	91
92	92	92	92	92		92	92	92	92
93	93	93	93	93		93	93	93	93
94	94	94	94	94		94	94	94	94
95	95	95	95	95		95	95	95	95
96	96	96	96	96		96	96	96	96
97	97	97	97	97		97	97	97	97
98	98	98	98	98		98	98	98	98
99	99	99	99	99		99	99	99	99
100	100	100	100	100		100	100	100	100

LEGEND

COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT
COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING DAMS
COLUMN 3 = UNDEVELOPED POTENTIAL
COLUMN 4 = TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS 2 AND 3)
CAPACITY = SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT)
ENERGY = SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIGAWATT-HOUR)

[illegible]

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION, DEBRIS CONTROL, P/FARM POND, Q/OTHER
- (3) - INSTALLED CAPACITY AND ENERGY
- (4) - NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (5) - UNINSTALLED CAPACITY AND ENERGY
- (6) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

POTENTIAL HYDROPOWER SITES
IN THE STATE OF INDIANA

[illegible]

(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION,
DRAINAGE CONTROL, PFARM POND, OOTHER
(3) - ESTIMATED CAPACITY AND ENERGY
(4) - UNINSTALLED CAPACITY AND ENERGY
(5) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(6) - UNINSTALLED CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PROJECT NAME	IDNT #	NAME OF STREAM OR RIVER	PROJ #	LONGITUDE	DRAINAGE AREA	OWNER	AVERAGE ANNUAL INFLOW	NET POWER OF INFLOW	HEIGHT OF DAM	STORAGE CAPACITY (MH)	ENERGY (GWH)
	NUMBER		PURP #	(DN,M)	(SQ MI)	(2)	(CFS)	(FT)	(FT)	(3)	(3)
COUNTY NAME: FRANKLIN											
OLDENBURG	IN00039	SALT CREEK		39 23.9	80.0		80.0	35.0	45.0	63.0	0.0
	ORL0037			85 12.6							1.0167
BLUE CREEK	IN00041	BLUE CREEK		39 23.7	26.0		26.0	35.0	45.0	29.0	0.0
	ORL0038			85 1.5							.3367
PIPE CREEK	IN00042	PIPE CREEK		39 25.2	66.0		66.0	35.0	45.0	68.0	0.0
	ORL0039			85 7.5							.8267
BROOKVILLE LAKE	IN00017	EAST FORK OF WHITE RIVER	DAEN DRL	39 14.8	379.0		379.0	120.0	147.0	360.0	0.0
	ORL0040	TEHAWATEH RIVER		85 1.0							3.0266
COUNTY NAME: PULTON											
TIPPECANOE	IN00044	TIPPECANOE RIVER		41 6.3	525.0		525.0	16.0	36.0	242.0	0.0
	ORL0041			86 12.8							1.4367
COUNTY NAME: GREENE											
KOLEEN NO 1	IN00017	PLUMMER CK		38 58.7	24.0		24.0	19.0	49.0	40.0	0.0
	ORL0043			86 50.1							.1367
PLUMMER CK	IN00018	PLUMMER CK		38 59.5	60.0		60.0	22.0	41.0	100.0	0.0
	ORL0044			86 56.1							.3867
RICHLAND CK	IN00019	RICHLAND CK		39 1.1	117.0		117.0	29.0	62.0	130.0	0.0
	ORL0042			86 55.0							1.0267
COUNTY NAME: HAMILTON											
PERKINSVILLE	IN00024	WEST FK WHITE RIVER		40 8.5	542.0		542.0	10.0	22.0	69.0	0.0
	ORL0045			85 53.1							.4567

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(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION,
DROUGHT CONTROL, FARM POND, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY WHEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(4) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

IN THE STATE OF INDIANA

[illegible]

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLUOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION, D=DEBRIS CONTROL, P=FAHM POND, O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(4) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF INDIANA

PROJECT NAME	IDENT	NAME OF STREAM	PROJ#	LATITUDE	DRAINAGE	AVERAGE	NET	HEIGHT	MAXIMUM	STORAGE	CAPACITY	ENERGY
	NUMBER	CM RIVER	PURP	(DM.M)	AREA	ANNUAL	POWER	OF				
	(1)		(2)		(SQ MI)	INFLW	HEAD	DAM	(1000	(M ³)	(3)	(GWH)
						(CFS)	(FT)	(FT)	AC FT)	(3)	(3)	
COUNTY NAME: JACKSON												
MILLPORT	IND0007	MUSCATATUCK RIV		38 45.8	1148.0	1148	16	30	603	0	0	0
	ORL0053			86 8.2							3.52	7.6
COUNTY NAME: JEFFERSON												
DEPUTY	IND0010	MUSCATATUCK RIV		38 48.4	290.0	290	29	69	212	0	0	0
	ORL0058			85 39.3							2.03	3.8
COUNTY NAME: JENNINGS												
NORTH VERNON	IND0008	VERNON FK MUSCAT		39 1.5	105.0	103	16	61	93	0	0	0
	ORL0055	ATUCK RIV		85 36.2							.41	.7
COUNTY NAME: JOHNSON												
LAMB LAKE	IND0133	INDIAN CREEK	8 N	39 21.7	3.0	3	57	75	13	0	0	0
	ORL0056			86 11.5							.08	.1
COUNTY NAME: KOSCIUSKO												
WEIMER-BLACK LAKE	IND0240	TH-WEBSTER LAKE	U	41 20.3	49.0	17	57	0	0	0	0	0
	ORL0057			85 39.7							1.30	2.0
COUNTY NAME: LAWRENCE												
INDIAN CK SITE	IND0005	INDIAN CK		38 48.8	117.0	117	22	80	160	0	0	0
	ORL0058			86 41.3							.63	1.0
BUDDHA	IND0006	GUTHRIE CK		38 48.8	93.0	93	21	62	175	0	0	0
	ORL0059			86 25.0							.47	.8

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CREELOUT CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
(2) - ESTABLISHED CAPACITY AND ENERGY DEDEBIS CONTROL, PEFARH POND, DROTHER
(3) - ESTABLISHED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF INDIANA

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ#	OWNER	LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEIGHT OF DAM (FT)	STORAGE CAPACITY (MH)	ENERGY (3)
COUNTY NAME MADISON										
KILLBUCK CK	IN00026	KILLBUCK CK			40 9.0	93.0	93.0	10.0	41.0	0.0
	ORLO060				85 38.0					.28
FORTVILLE	IN00027	FALL CREEK			39 57.2	172.0	172.0	10.0	76.0	0.0
	ORLO061				85 51.9					.36
FRANKTON	IN00029	PIPE CREEK			40 13.7	105.0	105.0	10.0	45.0	0.0
	ORLO062				85 45.9					.31
COUNTY NAME MARTIN										
HIGHLAND LAKE	IN00052	FALL CREEK			39 54.3	779.0	779.0	65.0	195.0	0.0
	ORLO063				85 59.9					4.21
EAGLE CREEK RESERVOIR	IN00054	EAGLE CREEK			39 49.5	168.0	168.0	57.0	66.0	0.0
	ORLO064				86 18.5					2.05
GEIST RESERVOIR	IN00055	FALL CREEK			39 54.6	215.0	215.0	23.0	27.0	0.0
	ORLO065				85 59.2					1.51
COUNTY NAME MARTIN										
SHOALS	IN00057	EAST F. WHITE RIVER			38 41.5	4930.0	4930.0	10.0	192.0	0.0
	ORLO066				86 47.7					5.22
LOST RIV	IN00058	LOST RIV			38 32.6	352.0	352.0	22.0	450.0	0.0
	ORLO067				86 47.5					3.35
SMC DIST DAM #2	IN00065	SEED TICK CREEK			38 46.4	8.0	9.0	57.0	2.0	0.0
	ORLO068				86 53.6					.14
LEGEND										

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(2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF INDIANA

PROJECT NAME	TWENT	NAME OF STREAM	PROJ#	DRAINAGE	AREA	INFLW	HEAD	DAW	STORAGE	CAPACITY	ENERGY
	NUMBER	OR RIVER	(1)	(2)	(SQ MI)	(CFS)	(FT)	(AC FT)	(3)	(3)	(3)
COUNTY NAME: MIAMI											
FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH											
DENVER	IN00043	EEL RIVER			680.0	680.	26.	43.	263.	0.	0.
	ORL0069				86 5.1					3.26	9.5
MISSISSIPPI RIVER											
	IN03004	MISSISSIPPI RIVER			809.0	809.	73.	122.	368.	0.	0.
	ORL0070				85 57.5					4.11	16.6
COUNTY NAME: MONROE											
FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH											
LAKE LEMON	IN00010	BEAN BLOSSOM CREEK			71.0	71.	57.	50.	5.	0.	0.
	ORL0071				86 25.5					1.52	2.4
MONROE LAKE	IN03001	SALT CREEK			441.0	441.	57.	75.	441.	0.	0.
	ORL0072				86 30.7					3.47	7.5
COUNTY NAME: MONTGOMERY											
FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH											
WALNUT FK	IN00030	WALNUT FK			90.0	90.	10.	48.	22.	0.	0.
	ORL0073				86 52.0					.30	.5
CRAWFORDSVILLE	IN00037	SUGAR CREEK			423.0	423.	32.	51.	103.	0.	0.
	ORL0074				86 50.4					2.43	5.9
COUNTY NAME: MORGAN											
FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH											
MARTINSVILLE	IN00023	INDIAN CK			90.0	90.	28.	52.	154.	0.	0.
	ORL0075				86 23.3					.78	1.3
COUNTY NAME: NOBLE											
FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH											
NORTHPORT FEEDER	IN00383	TRN BRANCH ELK			33.0	29.	17.	20.	9.	0.	0.
DAM	IN00004	ART			85 24.0					.09	.3

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION, DECEBIS CONTROL, PEFARM POND, OOTHER
- (3) - E=INSTALLED CAPACITY AND ENERGY NENE= INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - U=INSTALLED CAPACITY AND ENERGY TETOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CELESTIAL CONTROL, NAVIGATION, SWAMP SUPPLY, RECREATION, ORDERLY CONTROL, PEAK POND, OTHER
- (3) - INSTALLED CAPACITY AND ENERGY
- (4) - INSTALLED CAPACITY AND ENERGY
- (5) - INSTALLED CAPACITY AND ENERGY
- (6) - INSTALLED CAPACITY AND ENERGY
- (7) - INSTALLED CAPACITY AND ENERGY
- (8) - INSTALLED CAPACITY AND ENERGY
- (9) - INSTALLED CAPACITY AND ENERGY
- (10) - INSTALLED CAPACITY AND ENERGY
- (11) - INSTALLED CAPACITY AND ENERGY
- (12) - INSTALLED CAPACITY AND ENERGY
- (13) - INSTALLED CAPACITY AND ENERGY
- (14) - INSTALLED CAPACITY AND ENERGY
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- (99) - INSTALLED CAPACITY AND ENERGY
- (100) - INSTALLED CAPACITY AND ENERGY

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(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF INDIANA

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*****
* IDENT * NAME OF STREAM * PROJ# * AVERAGE * NET HEIGHT * MAXIMUM *
* NUMBER * OR RIVER * PUMP# * ANNUAL * OF * STORAGE * CAPACITY * ENERGY *
* (1) * * * * (2) * * * * (3) * * * * (4) * * * * (5) * * * *
*****
COUNTY NAME: PUTNAM
*****
BANARD RD 2 * IN00021 * BIG WALNUT CR * * * * 131.0 * 22.0 * 50.0 * 0.0 * 0.0 *
* ORL0084 * * * * * * * * * * * * * * * * * * * * * * * *
HERITAGE LAKE * IN00222 * CLEAR CREEK * R * AMERICAN CEN * 7.0 * 9.0 * 11.0 * 0.0 * 0.0 *
* ORL0085 * * * * * * * * * * * * * * * * * * * * * * * *
CAGLES MILL LAKE * IN03002 * MILL CREEK * CR * DAEN UHL * 295.0 * 50.0 * 228.0 * 0.0 * 0.0 *
* ORL0086 * * * * * * * * * * * * * * * * * * * * * * * *
COUNTY NAME: RANDOLPH
*****
PARKER CITY * IN00025 * WEST FK WHITE RI * * * * 169.0 * 10.0 * 90.0 * 0.0 * 0.0 *
* ORL0087 * * * * * * * * * * * * * * * * * * * * * * * *
COUNTY NAME: RIBLEY
*****
HOLTON * IN00009 * OTTER CR * * * * 34.0 * 25.0 * 17.0 * 0.0 * 0.0 *
* ORL0088 * * * * * * * * * * * * * * * * * * * * * * * *
VERSAILLES LAKE * IN00021 * LAUGHERY CREEK * M S * DEPT OF NAT * 168.0 * 57.0 * 3.0 * 0.0 * 0.0 *
* ORL0089 * * * * * * * * * * * * * * * * * * * * * * * *
COUNTY NAME: SHELBY
*****
LIT BLUE RIV RD * IN00012 * LIT BLUE RIV * * * * 93.0 * 41.0 * 32.0 * 0.0 * 0.0 *
* ORL0090 * * * * * * * * * * * * * * * * * * * * * * * *
COUNTY NAME: ST JOSEPH
*****
TWIN BRANCH * IN03011 * ST JOSEPH * M * IND + MICH E * 41.0 * 31.0 * 0.0 * 7.26 * 22.0 *
* ORL0091 * * * * * * * * * * * * * * * * * * * * * * * *
*****
L E G E N D
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(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CROFLOOD CONTROL, NAVIGATION, SEWAGE SUPPLY, RECREATION,
DEBRIS CONTROL, PEPHARM POND, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY - INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(4) - INSTALLED CAPACITY AND ENERGY - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F I N D I A N A

PROJECT NAME	IDENT * NUMBER * (1)	NAME OF STREAM * CR RIVER	PROJ * PURP * (2)	OWNER	*LATITUDE * * (DM.M)	*DRAINAGE * * AREA * * (SQ MI)	*ANNUAL * * INFLOW * * (CFS)	*NET * * HEAD * * (FT)	*MAXIMUM * * STORAGE * * (MM)	*CAPACITY * * ENERGY * * (3)
COUNTY NAME: SULLIVAN										
FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH										
TURMAN CREEK	IN00035	TURMAN CREEK			39 8.3	85.0	85	10	22	20.0U 0.0U 0.0
	ORL0091				87 35.2					.280T .8
COUNTY NAME: TIPPECANOE										
FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH										
LAFAYETTE	IN00032	WILDCAT CK			40 26.2	787.0	787	10	75	333.0U 0.0U 0.0
	ORL0092				86 48.4					.202T 2.6
COUNTY NAME: VERMILLION										
FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH										
BROUILLETTS CREEK	IN00033	BROUILLETTS CREEK			39 37.5	300.0	300	26	62	169.0U 0.0U 0.0
	ORL0093				87 26.9					.100T 4.3
LIT VERMILION RIVER	IN00036	LIT VERMILION RIVER			39 53.2	231.0	231	31	96	168.0U 0.0U 0.0
	ORL0094				87 27.5					.107T 3.6
CLINTON	IN00049	WARASH RIVER			39 39.7	11500.0	11500	45	62	290.0U 0.0U 0.0
	ORL0095				87 23.7					.135.12T 306.4
COUNTY NAME: WABASH										
FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH										
SALAMONIE LAKE	IN03005	SALAMONIE RIVER	CR	DAEN ORL	40 48.3	553.0	553	72	114	264.0E 0.0E 0.0
	ORL0096				85 40.8					.3.71N 12.3
COUNTY NAME: WARREN										
FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH										
BIG PINE	IN00031	BIG PINE CK			40 24.0	326.0	326	84	150	117.0U 0.0U 0.0
	ORL0097				87 20.4					.2.35T 9.5
L E G E N D										

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(2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, M=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
D=DEBRIS CONTROL, P=PEAK FLOW, D=DEUTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
 U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F I N D I A N A

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
* NUMBER * CR RIVER * PUMP * OWNER * * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY *
* (1) * * (2) * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH) * (3) * (3) *
* * * * * (DN.M) * (SU MI) * (CFS) * (FT) * (FT) * (AC FT) *
COUNTY NAME: WASHINGTON
*****
* FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH
*****
TWIN RUSH STR.=3*IR00242*RUSH CREEK *C *TWINRUSH CK* 38 40.4 * 5.0 * 57. * 0. * 2. *E 0. *E 0.
*ORL0096* * CONSY DIST.* 86 10.0 *
COUNTY NAME: WHITE
*****
* FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH
*****
MORWAY DAM *IN00452*TIPPECANOE RIVER*HR *NORTH IN PUB* 40 45.8 * 2200.0 * 57. * 0. * 25. *E 6.72 *E 25.0
*ORL0099* * SERVICE CO * 86 45.6 * * * *N 21.02 *N 49.5
*****
L E G E N D
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D=DEBRIS CONTROL, P=PAH POND, O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
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STATE OF IOWA

(07/08/79)

... PRELIMINARY ESTIMATE ...

PHYSICAL POTENTIAL FOR ADDITIONAL
HYDROELECTRIC CAPACITY AND ENERGY DEVELOPMENT
IN THE STATE OF IOWA

POTENTIAL INCREMENTAL CAPACITY RANGES											
0-15 MW			15 MW - 25 MW			GREATER THAN 25 MW			TOTAL		
NUMBER	CAPACITY	ENERGY	NUMBER	CAPACITY	ENERGY	NUMBER	CAPACITY	ENERGY	NUMBER	CAPACITY	ENERGY
0-19	3	6.9	5	16.9	57.5	7	22	39	15	7	22
	6.9	36.0	14.2	40.1	135	31.2	40.1	135	6.9	36.0	135
20-49	0	0	7.5	22	39	109	22	39	1	16	42
	0	0	16.2	109	125	46.0	109	125	347	354	473
50-99	0	0	3	14.6	57.4	0	0	0	128	128	1126
	0	0	7.1	50.2	57.4	0	0	0	176	1001	805
>100	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
TOTAL	3	6.9	25	67.3	200	111	67.3	200	15	7	22
	6.9	36.0	200	281	358	21.1	39.1	128	190	1257	1374
	36.0	135	281	358	408	39.1	128	346	408	3676	4196

LEGEND

COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT

COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING DAMS

COLUMN 3 = UNDEVELOPED POTENTIAL

COLUMN 4 = TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS 2 AND 3)

CAPACITY = SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT)

ENERGY = SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIGAWATT-HOUR)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F I O N A

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
* NUMBER * CH RIVER * PWRP * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY *
* (1) * * * * * (2) * * * * * (3) * * * * * (4) * * * * * (5) * * * * *
COUNTY NAME: ADAMS
*****
FONTANELLE RES *IAU0057*WEST FORK * * * * * 40.00 * 32.00 * 43.00 * 66.00 * 0.00 * 0.00 *
*MRK0002* * * * * 94.38.2 * * * * *
GREENFIELD RES *IAU0059*EAST MIDDLE NODAWAY * * * * * 41.18.9 * 15.00 * 40.00 * 53.00 * 0.00 * 0.00 *
*MRK0003*HAY RIVER * * * * * 94.30.7 * * * * *
COUNTY NAME: ADAMS
*****
MT ETNA RES *IAU0062*MIDDLE NODAWAY R * * * * * 41.5.4 * 100.00 * 63.00 * 179.00 * 0.00 * 0.00 *
*MRK0004*HAY RIVER * * * * * 94.47.5 * * * * *
PRESCOTT RES *IAU0064*EAST NODAWAY RIV * * * * * 41.3.3 * 106.00 * 43.00 * 51.00 * 0.00 * 0.00 *
*MRK0005*EH * * * * * 94.33.3 * * * * *
COUNTY NAME: APPANOOSE
*****
RATHBUN LAKE *IAU0016*CHARITON RIVER *CHRS *DAEN MKK * * * * * 40.49.7 * 549.00 * 204.00 * 81.00 * 552.00 * 0.00 * 0.00 *
*MRK0006* * * * * 92.52.6 * * * * *
COUNTY NAME: AUDUBON
*****
BLUEGRASS DAM *IAU0005*NISHNA3QUNA RIVE * * * * * 41.48.0 * 11.00 * 4.00 * 40.00 * 16.00 * 0.00 * 0.00 *
*MRU0107*R * * * * * 94.54.0 * * * * *
DAVIDS CREEK DAM *IAU0010*NISHNA3QUNA RIVER * * * * * 41.56.0 * 57.00 * 25.00 * 57.00 * 62.00 * 0.00 * 0.00 *
*MRU0106*R * * * * * 94.48.0 * * * * *
COUNTY NAME: BLACK HAWK
*****
IA NO NAME 693 *IA01213*CEDAR RIVER *R * * * * * 42.32.5 * 4780.00 * 254.00 * 9.00 * 1.00 * 0.00 * 0.00 *
*NCR0020* * * * * 92.26.8 * * * * *
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L E G E N D
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O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(4) - UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

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D=DEWATER CONTROL, P=PAVING POND, O=OTHER
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D=DEWATER CONTROL, P=PAVING POND, O=OTHER
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(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F I O W A

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHTS * MAXIMUM *
* NUMBER * CR RIVER * PUMP * ANNUAL * OF * STORAGE * CAPACITY * ENERGY *
* (1) * (2) * * * * * (MW) * (1000 * (FT) * (AC FT) * (3) * (3) *
* * * * *
COUNTY NAME: DALLAS
* * * * *
ADEL
* IA00068 * RACCOON RIVER * * * * * 873 * 25 * 0 * 0 * 0 * 0 *
* NCR0067 * * * * * 94 10 * 0 * 0 * 0 * 0 * 0 *
* * * * *
VAN METER
* IA00091 * SOUTH RACCOON RIVER * * * * * 519 * 30 * 0 * 0 * 0 * 0 *
* NCR0088 * VER * * * * * 94 0 * 0 * 0 * 0 * 0 * 0 *
* * * * *
COUNTY NAME: DELAWARE
* * * * *
IA NO NAME 714
* IA01297 * LAQUICKETA RIVER * R * * * * 347 * 0 * 0 * 2 * 0 * 0 *
* NCR0023 * * * * * 91 20 * 0 * 0 * 0 * 0 * 0 *
* * * * *
COUNTY NAME: DES MOINES
* * * * *
MISSISSIPPI RIVE
* IA00010 * MISSISSIPPI RIVER * N * * * * 60254 * 8 * 21 * 90 * 0 * 0 *
* R LOCK * DAM '18 * NCR0024 * R * * * * 91 16 * 0 * 0 * 0 * 0 * 0 *
* * * * *
IA NO NAME 764
* IA01347 * TR-SKUNK RIVER * R * * * * 16 * 0 * 0 * 30 * 0 * 0 *
* NCR0025 * * * * * 91 23 * 0 * 0 * 0 * 0 * 0 *
* * * * *
COUNTY NAME: DUBUQUE
* * * * *
MISSISSIPPI RIVE
* IA00003 * MISSISSIPPI RIVER * N * * * * 40566 * 9 * 20 * 170 * 0 * 0 *
* R LOCK * DAM '11 * NCR0026 * R * * * * 90 38 * 0 * 0 * 0 * 0 * 0 *
* * * * *
COUNTY NAME: PAVETTE
* * * * *
EL DORADO
* IA00078 * TURKEY RIVER * * * * * 341 * 0 * 0 * 0 * 0 * 0 *
* NCR0069 * * * * * 91 50 * 0 * 0 * 0 * 0 * 0 *
* * * * *
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L E G E N D
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O=DEBRIS CONTROL, P=FARM POND, D=OTHER
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(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF IOWA

PROJECT NAME	IDENT #	NAME OF STREAM OR RIVER	PROJ #	PLATITUDE (N)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLU (CFS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE CAPACITY (1000 GPM)	ENERGY (3)
COUNTY NAME: OUTWIRE										
IA NO NAME 232	IA00415	MIDDLE RACCOON R	ES CORP.	41 41.8	434.0	196.0	49.0	0.0	24.0	0.0
COUNTY NAME: HAMILTON										
WEBSTER CITY	IA00092	BOONE RIVER		42 30.0	770.0	340.0	30.0	0.0	0.0	0.0
IA NO NAME 247	IA00437	TR-BOONE RIVER	RV BOARD	42 26.1	70.0	30.0	28.0	0.0	2.0	0.0
COUNTY NAME: HARDIN										
IA NO NAME 251	IA00441	PINE CREEK	STATE CONSERV	42 22.3	15.0	9.0	32.0	0.0	2.0	0.0
COUNTY NAME: JACKSON										
CANTON	IA00073	HAUCKETA RIVER		42 10.0	753.0	493.0	16.0	0.0	0.0	0.0
GRANT CITY	IA00033	RACCOON RIVER		42 25.0	870.0	295.0	32.0	0.0	0.0	0.0
HERON LAKE	IA00084	WEST FORK DES MOINES RIVER		43 50.0	970.0	198.0	21.0	0.0	0.0	0.0
SPRAGUEVILLE	IA00090	HAUCKETA RIVER		42 0.0	1694.0	1110.0	40.0	60.0	0.0	0.0
MISSISSIPPI RIVER	IA00004	MISSISSIPPI RIVER	DAEN MCR	42 15.7	82400.0	45750.0	6.0	21.0	92.0	0.0
R LOCK + DAM	IA00035			42 25.2					44.63	187.6
LEGEND										

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - E=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF IOWA

PROJECT NAME	IDENT	NAME OF STREAM	PROJ#	OWNER	DRAINAGE AREA (SQ MI)	LONGITUDE (DN.M)	ANNUAL INFLOW (CFS)	NET HEAD (FT)	STORAGE CAPACITY (1000 GWH)	ENERGY (3)
COUNTY NAME: JACKSON	(1)	CR RIVER	(2)							
IA NO NAME 302	IA00522	LYTLE CREEK	NR	LEISURE LAKE	42 13.8	90 46.5	50	47	0	0
	NR00036			INC.						
IA NO NAME 719	IA01302	SOUTH FORK MAGUON	NR	IA ELEC LIGH	42 4.1	90 41.8	1015	20	25	1
	NR00037	KETA RIVER	NR	T + POWER CO	90 41.8					
COUNTY NAME: JASPER										
IA NO NAME 324	IA00537	ROCK CREEK	NR	STATE CONSER	41 44.0	92 51.4	41	24	0	13
	NR00038			V COMMISSION						
COUNTY NAME: JOHNSON										
IOWA CITY MILLDA	IA00066	IOWA RIVER	NR							
	NR00039									
CORALVILLE DAM	IA00012	IOWA RIVER	NR	DAEN NCR	41 43.5	91 31.7	3084	58	78	585
RESERVOIR	NR00040									
IA NO NAME 702	IA01275	IOWA RIVER	NR	COUNTY CONSER	41 40.4	91 33.9	3200	16	0	2
	NR00041			RV BOARD						
IA NO NAME 769	IA01352	MILL CREEK	NR	STATE CONSER	41 47.5	91 34.5	27	32	0	13
	NR00042			V COMMISSION						
COUNTY NAME: JONES										
CLAY MILLS	IA00075	MAUDUKETA RIVER	NR							
	NR00074									
CRAB MILL	IA00078	NORTH FORK MAGUON	NR							
	NR00075	KETA RIVER	NR							

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(2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
D=DEBRIS CONTROL, P=PARK, O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F I O W A

PROJECT NAME	TOENT NUMBER	NAME OF STREAM CR RIVER	PROJ PUMP	OWNER	LATITUDE (DM,M)	DRAINAGE AREA (SQ MI)	ANNUAL INFLUEN (CFR)	AVERAGE POWER (FT)	NET HEIGHT OF DAM (FT)	STORAGE CAPACITY (1000 AC FT)	ENERGY (WH) (3)
COUNTY NAME: LEE	(1)		(2)								
AUGUSTA	IA00070	SKUNK RIVER			40 30.0	4290.0	2332.0	43.0	0.0	0.0	0.0
	NC00043				91 30.0					35.11	64.5
BELFAST	IA00071	DES MOINES RIVER			40 40.0	14340.0	5634.0	62.0	0.0	0.0	0.0
	NC00044				91 40.0					109.10	231.9
MISSISSIPPI RIVER	IA00011	MISSISSIPPI RIVER		DAEN NCR	40 23.9	119000.0	63118.0	36.0	48.0	292.0	120.00
R LOCK + DAM	19NC00045			ION ELECT CO	91 21.8					346.70	824.8
COUNTY NAME: LINN											
CENTRAL CITY	IA00074	HAPSIPICON RIV			42 0.0	1273.0	638.0	46.0	0.0	0.0	0.0
	NC00046				91 40.0					3.43	14.5
IA NO NAME 697	IA01270	CEDAR RIVER		IA ELEC LIGH	41 56.6	6520.0	3269.0	5.0	7.0	1.0	0.0
	NC00047			T + POWER CO	91 37.6					3.70	10.7
COUNTY NAME: LOUISA											
MISSISSIPPI RIVER	IA00009	MISSISSIPPI RIVER		DAEN NCR	41 11.5	99600.0	52828.0	4.0	20.0	50.0	0.0
R LOCK + DAM	17NC00048				91 3.6					35.43	144.6
COUNTY NAME: MARION											
PELLA	IA00088	SKUNK RIVER			41 30.0	1555.0	767.0	27.0	0.0	0.0	0.0
	NC00049				93 0.0					2.39	9.4
RED ROCK DAM +	LA00013	DES MOINES RIVER		DAEN NCR	41 22.2	12323.0	4600.0	58.0	79.0	1630.0	0.0
ANE RED ROCK	NC00050				92 58.6					88.76	179.5
COUNTY NAME: WASHINGTON											

L E G E N D

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O=DEBRIS CONTROL, P=FAH POND, O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF IOWA

PROJECT NAME	PROJECT NUMBER	NAME OF STREAM OR RIVER	PROJECT PURPOSE	OWNER	LATITUDE (N)	LONGITUDE (W)	AREA (SQ MI)	ANNUAL FLOW (CFS)	HEAD (FT)	NET HEIGHT (FT)	STORAGE CAPACITY (MG)	ENERGY (KWH)
SILVER CREEK DAM	IA00007	NISHNABOTNA RIVER	2	CDIS, PCDD	41 12.0	95 36.0	195.0	68.0	64.0	69.0	194.0	0.0
PONY CREEK LAKE	IA00675	PONY CREEK	2	BD OF SU	41 4.2	95 47.4	29.0	11.0	55.0	60.0	4.0	0.0
COUNTY NAMES	MONTGOMERY											
GRAYBILL DAM	IA00006	NISHNABOTNA RIVER	2	CDIS, PCDD	41 18.0	95 18.0	99.0	34.0	64.0	69.0	112.0	0.0
GRANT RES	IA00058	WEST NODAWAY RIVER	2	CDIS, PCDD	41 9.3	95 58.4	127.0	51.0	41.0	55.0	65.0	0.0
MORTON MILLS RES	IA00061	SEVEN MILE CREEK	2	CDIS, PCDD	41 7.8	95 9.9	116.0	47.0	42.0	57.0	77.0	0.0
COUNTY NAMES	MUSCATINE											
MISSISSIPPI RIVER	IA00004	MISSISSIPPI RIVER	2	DAEN NCH	41 25.6	91 5.6	99400.0	55169.0	7.0	21.0	88.0	0.0
R LOCK & DAM	IA00005		2									
COUNTY NAMES	PAGE											
AVOCA DAM	IA00009	NISHNABOTNA RIVER	2	CDIS, PCDD	41 30.0	95 18.0	200.0	61.0	62.0	67.0	203.0	0.0
SHAMBAUGH RES	IA00065	EAST NODAWAY RIVER	2	CDIS, PCDD	40 39.3	94 59.9	226.0	92.0	45.0	61.0	153.0	0.0

LEGEND
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O=OTHER
(3) - ESTIMATED CAPACITY AND ENERGY: N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(4) - INSTALLED CAPACITY AND ENERGY: I=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF IOWA

PROJECT NAME	ID	NAME OF STREAM	PRGJ	OWNER	LONGITUDE	AREA	DRAINAGE	AVERAGE ANNUAL	NET POWER	OF	STORAGE	CAPACITY	ENERGY
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
COUNTY NAME: PLYMOUTH													
PERRY CREEK DAM	IA00002	PERRY CREEK			42 34.2	54.0	13.4	99.4	104.4		72.4	0.4	0.4
	MB00115				96 22.8								30.4
COUNTY NAME: POLK													
JEFFERSON	IA00005	RACCOON RIVER			42 5.0	1552.0	629.4	67.4	67.4		0.4	0.4	0.4
	NCR0032				94 30.0								4.05
BIG CREEK DIVERSION DAM	IA00014	BIG CREEK		DAEN NCR	41 47.5	76.0	36.4	49.4	66.4		36.4	0.4	0.4
	NCR0053				93 43.5								62.4
BIG CREEK TERMINAL DAM	IA00015	BIG CREEK DIVERSION		DAEN NCR	41 47.1	76.0	36.4	71.4	95.4		28.4	0.4	0.4
	NCR0054				93 44.2								90.4
IA NO NAME 500	IA00019	SKUNK RIVER		J E NELSON	41 45.0	25.0	15.4	43.4	57.4		1.4	0.4	0.4
	NCR0055			MED J HERMAN	93 25.6								18.4
IA NO NAME 705	IA01286	POINES RIVER		CITY OF DES	41 35.6	6245.0	2057.4	14.4	0.4		3.4	0.4	0.4
	NCR0056			MOINES	93 37.0								3.53
COUNTY NAME: POWESHIEK													
IA NO NAME 549	IA00072	MOON CREEK		COUNTY + JONES	41 34.6	7.0	4.4	43.4	0.4		36.4	0.4	0.4
	NCR0057			N L AHREN	92 34.4								0.5
COUNTY NAME: WINNEBAGO													
NEW MARKET DAM	IA00003	WEST FORK 102 CR			40 42.8	192.0	99.4	38.4	52.4		143.4	0.4	0.4
TE	MBK0010				94 51.8								93.4
													1.2

LEGEND

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D=DEBRIS CONTROL, P=PAVING, O=OTHER
(3) - ESTIMATED CAPACITY AND ENERGY
(4) - UNINSTALLED CAPACITY AND ENERGY
(5) - TOTAL POTENTIAL CAPACITY AND ENERGY
(6) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(7) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF IOWA

PROJECT NAME	ID	NAME OF STREAM	PROJ#	LA	LONGITUDE	DRAINAGE	AVERAGE	NET	HEIGHT	MAXIMUM	CAPACITY	ENERGY
	NUMBER	CR RIVER	PURP#			AREA	ANNUAL	POWER	OF			
	(1)		(2)		(DN,M)	(SQ MI)	(CFS)	(FT)	(AC FT)	(3)	(3)	(3)
COUNTY NAME: SCOTT												
BIG ROCK	IA00072	WAPSIPINICUN RIV			41 50.0	2066.0	1353	15	0	0	0	0
	NCR0058				90 50.0						3.46	11.7
MISSISSIPPI RIVER	IA00006	MISSISSIPPI RIVER			41 34.3	88400.0	49001	10	20	82	0	0
R LOCK + DAM	IA00059				90 23.9						85.42	339.6
MISSISSIPPI RIVER	IA00007	MISSISSIPPI RIVER			41 31.2	88500.0	49137	13	32	30	2.75	20.0
R LOCK + DAM	IA00060				90 34.0						112.41	425.0
COUNTY NAME: SHELBY												
PRAIRIE ROSE LAKE	IA01000	TR-EAST BR WEST			41 36.5	189.0		58	47	53	4	0
E	IA00116	SHADOTNA			95 13.8						69	1.4
COUNTY NAME: STORY												
DELTA	IA00077	NORTH SKUNK RIVER			41 15.0	630.0	369	36	0	0	0	0
	NCR0076				92 15.0						2.54	6.1
GILBERT	IA00081	SQUAN CREEK			42 0	173.0	82	30	0	0	0	0
	NCR0071				93 50.0						65	1.4
GLASCON	IA00082	CEDAR CREEK			40 50.0	405.0	236	47	0	0	0	0
	NCR0072				91 45.0						2.35	3.9
COUNTY NAME: TAMA												
IA NO NAME 588	IA01032	NTTER CREEK			42 3.1	28.0	16	40	0	2	0	0
	NCR0061				92 31.5						16	3

LEGEND

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CATASTROPHIC CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
(2) ORDERLY CONTROL, PUMP AND DRAINAGE
(3) - ESTABLISHED CAPACITY AND ENERGY INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF IOWA

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*****
* ID# * NAME OF STREAM * PROJ# * AVERAGE * NET * HEIGHTS * MAXIMUM *
* NUMBER * OR RIVER * PUMP# * ANNUAL * POWER * DF * STORAGE * CAPACITY * ENERGY *
* (1) * * * (2) * * * (3) * * * (4) * * * (5) * * * (6) * * * (7) * * * (8) * * *
*****
COUNTY NAME: TAYLOR
*****
LENDX DAMSITE *TAU0000*PLATTE RIVER * * * 40.27.4 * 170.0 * 48. * 35. * 48. * 127.4U * 0. * 0.
*NRK0011* * * * 94.26.8 * * * * * * * * * * *
COUNTY NAME: WAPELLO
*****
IA NO NAME 733 *IA01316*DES MOINES RIVER*SH *CITY OF OTTU* 41 1.0 * 13200.0 * 5009. * 15. * 0. * 5.4E * 3.00E * 11.0
*NCM0062* * * * 92.24.8 * * * * * * * * * * *
COUNTY NAME: WASHINGTON
*****
IA NO NAME 798 *IA01361*TR-SKUNK RIVER *M *STATE CONSER* 41 12.3 * 19.0 * 12. * 32. * 0. * 8.4E * 0. * 0.
*NCR0063* * * * 91.54.5 * * * * * * * * * * *
COUNTY NAME: WEBSTER
*****
FT DODGE *TAU0000*DES MOINES RIVER * * * 42.30.0 * 3770.0 * 1225. * 14. * 0. * 0.4U * 0. * 0.
*NCM0073* * * * 94.20.0 * * * * * * * * * * *
COUNTY NAME: WINNEBAGO
*****
IA NO NAME 703 *IA01288*UPPER IOWA RIVER *M *IOWA CONSERV* 43 18.0 * 570.0 * 0. * 23. * 29. * 1.4E * 0. * 0.
*NCM0001* * * * 91.42.0 * * * * * * * * * * *
*****
LEGEND
*****
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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
DEBRIS CONTROL, P&FARM POND, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY: NEMA INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(4) - UNINSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

STATE OF KENTUCKY

POTENTIAL INCREMENTAL CAPACITY RANGES														
		.05 MW - 15 MW			15 MW - 25 MW			GREATER THAN 25 MW			TOTAL			
NUMBER	CAPACITY	EXIST*	UNDEVELOP*	EXIST*	UNDEVELOP*	EXIST*	UNDEVELOP*	EXIST*	UNDEVELOP*	EXIST*	UNDEVELOP*	EXIST*	UNDEVELOP*	TOTAL
0-19	0.0	36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20-49	0.0	37.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50-99	0.0	99.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
>100	0.0	25.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	0.0	171.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT

COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING DAMS

COLUMN 3 = UNDEVELOPED POTENTIAL

COLUMN 4 = TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS 2 AND 3)

CAPCTY = SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT)

ENERGY = SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIGAWATT-HOUR)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S

P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F K E N T U C K Y

PROJECT NAME	IDENT * NUMBER * (1) *	NAME OF STREAM OR RIVER	PROJ* PURP* (2) *	OWNER	LATITUDE (DM,N)	LONGITUDE (WM,N)	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CFS)	AVERAGE POWER (FT)	NET HEIGHT OF DAM (FT)	MAXIMUM STORAGE CAPACITY (GAL)	ENERGY (KWH) (3) *
COUNTY NAMES: ANDERSON												
FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE CH												
BEAVER LAKE	KY00052	BEAVER CREEK	R	COMMONWEALTH OF KENTUCKY	37 57.7	85 1.4	3.0	4.0	73.0	58.0	4.0E 0.0E 0.0E	0.0E 0.0E 0.0E
COUNTY NAMES: BALLARD												
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH												
KENTUCKY RIVER DCK + DAM 05	KY03017	KENTUCKY RIVER	N	DAEN ORL	38 3.1	84 49.8	5225.0	7838.0	15.0	15.0	0.0E 0.0E 0.0E	0.0E 0.0E 0.0E
COUNTY NAMES: BARNES												
FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE CH												
MOUND CITY L+D	KY00022	MOUND RIVER	R	COMMONWEALTH OF KENTUCKY	37 4.8	89 9.4	20315.0	30000.0	25.0	31.0	0.0U 0.0E 0.0E	0.0E 0.0E 0.0E
COUNTY NAMES: BARNES												
FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE CH												
OHIO RIVER LOCK + DAM 53	KY03042	OHIO RIVER	N	DAEN ORL	37 11.9	89 2.2	203100.0	304700.0	13.0	13.0	0.0E 0.0E 0.0E	0.0E 0.0E 0.0E
COUNTY NAMES: BATH												
FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE CH												
WARREN RIVER LAK E	KY03009	WARREN RIVER	R	DAEN ORL	36 53.8	86 7.5	940.0	1410.0	80.0	123.0	0.0E 0.0E 0.0E	0.0E 0.0E 0.0E
COUNTY NAMES: BATH												
FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE CH												
CAVE RUN LAKE	KY03055	LICKING RIVER	R	DAEN ORL	38 7.1	83 32.0	825.0	1239.0	90.0	125.0	0.0E 0.0E 0.0E	0.0E 0.0E 0.0E
COUNTY NAMES: BELL												
FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE AT												
KETTLE ISLAND DAM	KY00040	STRAIGHT CREEK	R	CORPUS	36 47.3	83 35.6	46.0	80.0	76.0	102.0	0.0E 0.0E 0.0E	0.0E 0.0E 0.0E
COUNTY NAMES: BELL												
FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE CH												
CANNON CK LAKE	KY00061	CANNON CK	R	COMMONWEALTH OF KENTUCKY	36 41.1	83 41.5	5.0	7.0	92.0	125.0	17.0E 0.0E 0.0E	0.0E 0.0E 0.0E
COUNTY NAMES: BELL												
FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE CH												

L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CROCOD CONTROL, NAVIGATION, SWAMP SUPPLY, RECREATION,
DERRIS CONTROL, POND, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

POTENTIAL HYDROPOWER SITES
IN THE STATE OF KENTUCKY

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(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, C&FOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION,
(3) - DERRIS CONTROL, PFARM POND, OTHER
(3) - INSTALLED CAPACITY AND ENERGY NNEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - USINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)
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(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF KENTUCKY

PROJECT NAME	IDENT * NUMBER	NAME OF STREAM CR RIVER	PROJ * PURP	OWNER	*LATITUDE * (DM.M)	*DRAINAGE AREA (SQ MI)	*ANNUAL * INFLW (CFS)	*POWER * HEAD (FT)	*STORAGE * CAPACITY (1000 MB)	*ENERGY (GWH)
COUNTY NAME: CAMPBELL	(1)		(2)							(3)
POOLES CREEK	*KYU0025	*LICKING RIVER			*39 39.7	*3650.0	*5000.0	*35.0	*64.0	*0.0
	*ORL0110				*84 28.2				*62.9	*103.6
COUNTY NAME: CARROLL										
KENTUCKY RIVER	*KYU03013	*KENTUCKY RIVER		*DAEN ORL	*38 39.8	*6956.0	*10434.0	*8.0	*0.0	*0.0
OCK + DAM 01	*ORL0111				*85 8.6				*28.1	*50.0
COUNTY NAME: CARTER										
GRAYSON	*KYU0095	*LITTLE SANDY RIVER		*DAEN URH	*38 15.2	*196.0	*248.0	*59.0	*119.0	*0.0
	*ORH0002				*82 59.1				*2.7	*6.3
COUNTY NAME: CHRISTIAN										
UDPKY9000	*KYU0036	*NORTH FORK LITTLE R		*CUMPS	*36 53.2	*28.0	*40.0	*76.0	*0.0	*0.0
	*ORH0025	*E RIVER			*87 27.5				*.60	*1.5
LAKE BOXLEY	*KYU0048	*LOWER BRANCH		*CHRISTIAN CO	*36 53.6	*10.0	*14.0	*38.0	*8.0	*0.0
	*ORH0026			*UNTY SCO	*87 26.6				*.15	*.3
LAKE MORRIS	*KYU0049	*NORTH FORK OF LI R		*CHRISTIAN CO	*36 55.2	*8.0	*12.0	*44.0	*59.0	*0.0
	*ORH0027	*TITTLE R.		*UNTY SCO	*87 27.4				*.13	*.3
COUNTY NAME: CLAY										
LIT GOOSE CK	*KYU0010	*LIT GOOSE CK			*37 9.1	*38.0	*57.0	*35.0	*30.0	*0.0
	*ORL0112				*83 47.3				*.71	*1.2
RED BIRD RIV	*KYU0011	*RED BIRD RIV			*37 12.8	*115.0	*122.0	*35.0	*90.0	*0.0
	*ORL0113				*83 37.5				*2.0	*4.5

LEGEND

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(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
O=DEBRIS CONTROL, P=FAIRM POND, Q=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF KENTUCKY

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	PROJ. NUMBER	CRIVER	DAENR	LONGITUDE (DM.W)	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CFS)	NET HEAD (FT)	STORAGE CAPACITY (MM)	ENERGY CAPACITY (GWH)
	(1)										
COUNTY NAME: CLAY											
BERT COMBS LAKE (BEECH CK DAM)	*Y00043	*BEECH CREEK	*SH	*COMMONWEALTH	*37 10.1	*2.0	*3	*73	*65	*1.2	*0.2
	*ORL0114			*OF KENTUCKY	*83 42.5					*.07	*.1
COUNTY NAME: CRITTENDEN											
OHIO RIVER LOCK	*Y03039	*OHIO RIVER	*N	*DAEN ORL	*37 28.2	*143400.0		*10		*0.2	*0.2
+ DAM 50	*ORL0115				*88 5.3					*N	*456.22
COUNTY NAME: EDMONSON											
NOLIN LAKE	*Y03011	*NOLIN RIVER	*CK	*DAEN ORL	*37 16.7	*703.0		*105	*145	*60	*0.2
	*ORL0116				*86 14.7					*N	*3.87
COUNTY NAME: ESTILL											
STATION CAMP CK	*YU0014	*STATION CAMP CK									
	*ORL0117										
KENTUCKY RIVER	*Y03023	*KENTUCKY RIVER	*N	*DAEN ORL	*37 47.1	*3219.0		*482	*18	*0.2	*0.2
OCK + DAM 11	*ORL0118				*84 6.2					*N	*27.55
KENTUCKY RIVER	*Y03024	*KENTUCKY RIVER	*N	*DAEN ORL	*37 40.7	*2916.0		*437	*17	*0.2	*0.2
OCK + DAM 12	*ORL0119				*83 56.9					*N	*23.66
COUNTY NAME: FLOYD											
DENEY	*YU0093	*JOHNS CREEK	*CRO	*DAEN ORH	*37 48.2	*207.0		*227	*49	*93	*0.2
	*ORH0003				*82 43.8					*N	*2.59

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(2) - PROJECT PURPOSE: I=IRRIGATION, M=HYDROELECTRIC, CF=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
D=DEBRIS CONTROL, P=FARM POND, Q=OTHER
(3) - ESTIMATED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
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(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F K E N T U C K Y

PROJECT NAME	IDNT NUMBER	NAME OF STREAM OR RIVER	PROJ PURP	OWNER	*LATITUDE (2)	*LONGITUDE (3)	*DRAINAGE AREA (SQ MI)	*ANNUAL INFLW (CFS)	*AVERAGE HEAD (FT)	*NET HEIGHT OF DAM (FT)	*CAPACITY (MGH)	*ENERGY (3)
COUNTY NAME: FRANKLIN												
FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE CH												
KENTUCKY RIVER L	KY03016	KENTUCKY RIVER	N	DAEN ORL	38 12.6	84 52.3	5012.0	8118.0	13.0	0.0	0.0	0.0
OCK + DAM 04	ORL0120											375.23
COUNTY NAME: PULTON												
FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE AT												
COUNTY NAME: GRANT												
LOCK AND DAM NO.	KYU0002	MISSISSIPPI RIVE			36 34.0	89 23.5	92500.0	246595.0	17.0	0.0	0.0	0.0
S	LM00009											866.97
COUNTY NAME: GRANT												
FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE CH												
COUNTY NAME: GREENUP												
EAGLE CREEK	KYU0030	EAGLE CREEK			38 36.6	84 40.8	247.0	370.0	76.0	102.0	173.0	0.0
BOLTZ LAKE	KYU0032	ARNOLDS CREEK		COMMONWEALTH	38 42.4	84 37.1	3.0	5.0	73.0	68.0	3.0	0.0
BULLOCK PEN LAKE	KYU0055	BULLOCK PEN CREEK		COMMONWEALTH	38 47.3	84 39.4	8.0	12.0	73.0	54.0	3.0	0.0
WILLIAMSTOWN LAKE	KYU0080	SOUTH FORK GRASS R		CITY OF WILL	38 40.6	84 31.1	9.0	13.0	73.0	55.0	9.0	0.0
E	ORL0124	Y CREEK		IAMSTOWN								30.0
COUNTY NAME: GREENUP												
FERC POWER SUPPLY AREA 10 FERC REGIONAL OFFICE CODE NY												
ARGILLITE	KYU0090	LITTLE SANDY RIVE			38 24.0	82 53.0	554.0	341.0	50.0	65.0	228.0	0.0
ARGENTUM	KYU0091	TYGARTS CREEK			38 30.0	82 58.0	292.0	363.0	72.0	87.0	137.0	0.0
GREENUP L+D	KYU0096	OHIO RIVER		DAEN ORH	38 38.8	82 51.5	62000.0	92050.0	30.0	44.0	0.0	0.0
LEGEND												

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(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF KENTUCKY

PROJECT NAME	IDENT	NAME OF STREAM	PROJ.	OWNER	LONGITUDE	AREA	INFLUENCE	HEAD	STORAGE	CAPACITY	ENERGY
					(DM-M)	(SQ MI)	(CFS)	(FT)	(AC FT)	(3)	(3)
COUNTY NAME: GREENUP											
KENDE LAKE	KYU00098	STYGARTS CREEK	CRU		38 29.0	127.0	158	59	91	48.0	0.0
	KRM0007				83 2.0					2.27	4.6
COUNTY NAME: MARLAN											
UDPTN0000	KYU00041	CLIVER FORK	CURPS		36 53.2	29.0	52	76	102	0.0	0.0
	KRN0028				83 2.5					1.10	2.4
MARTINS FORK LAKE	KYU00045	MARTINS FORK	CURPS		36 45.3	56.0	107	36	76	21.0	0.0
	KRN00029				83 15.5					1.17	2.2
CRANKS CK LAKE	KYU00079	CRANKS CK	Y		36 44.3	25.0	48	81	110	17.0	0.0
	KRN0030				83 14.3					1.18	2.2
COUNTY NAME: HENDERSON											
GREEN R L + D	KYU03002	GREEN RIVER	DAEN URL		37 51.5	9181.0	13770	12	12	0.0	0.0
	KRL0125				87 24.6					52.21	111.9
NEWBURG LOCK + DAM	KYU03059	OHIO RIVER	DAEN URL		37 54.6	97690.0	97690	16	16	0.0	0.0
	KRL0126				87 21.7					540.09	1450.5
COUNTY NAME: HENRY											
LAKE JERICHO	KYU00061	LITTLE KY RIVER	HENRY COUNTY		36 26.8	10.0	15	75	65	9.0	0.0
	KRL0127		SCD		85 16.9					53	7
KENTUCKY RIVER	KYU03014	KENTUCKY RIVER	DAEN URL		36 26.3	6180.0	9270	14	14	0.0	0.0
	KRL0128				84 57.7					43.03	79.1
LOCK + DAM 02	KYU03015	KENTUCKY RIVER	DAEN URL		36 25.0	5983.0	8975	12	12	0.0	0.0
	KRL0129				84 52.8					36.37	65.6
LOCK + DAM 03											

LEGEND

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(3) - E=INSTALLED CAPACITY AND ENERGY, N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(4) - UNINSTALLED CAPACITY AND ENERGY, T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

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INSTITUTE FOR WATER RESOURCES (ARMY) FORT BELVOIR VA
NATIONAL HYDROELECTRIC POWER RESOURCES STUDY. PRELIMINARY INVEN--ETC((
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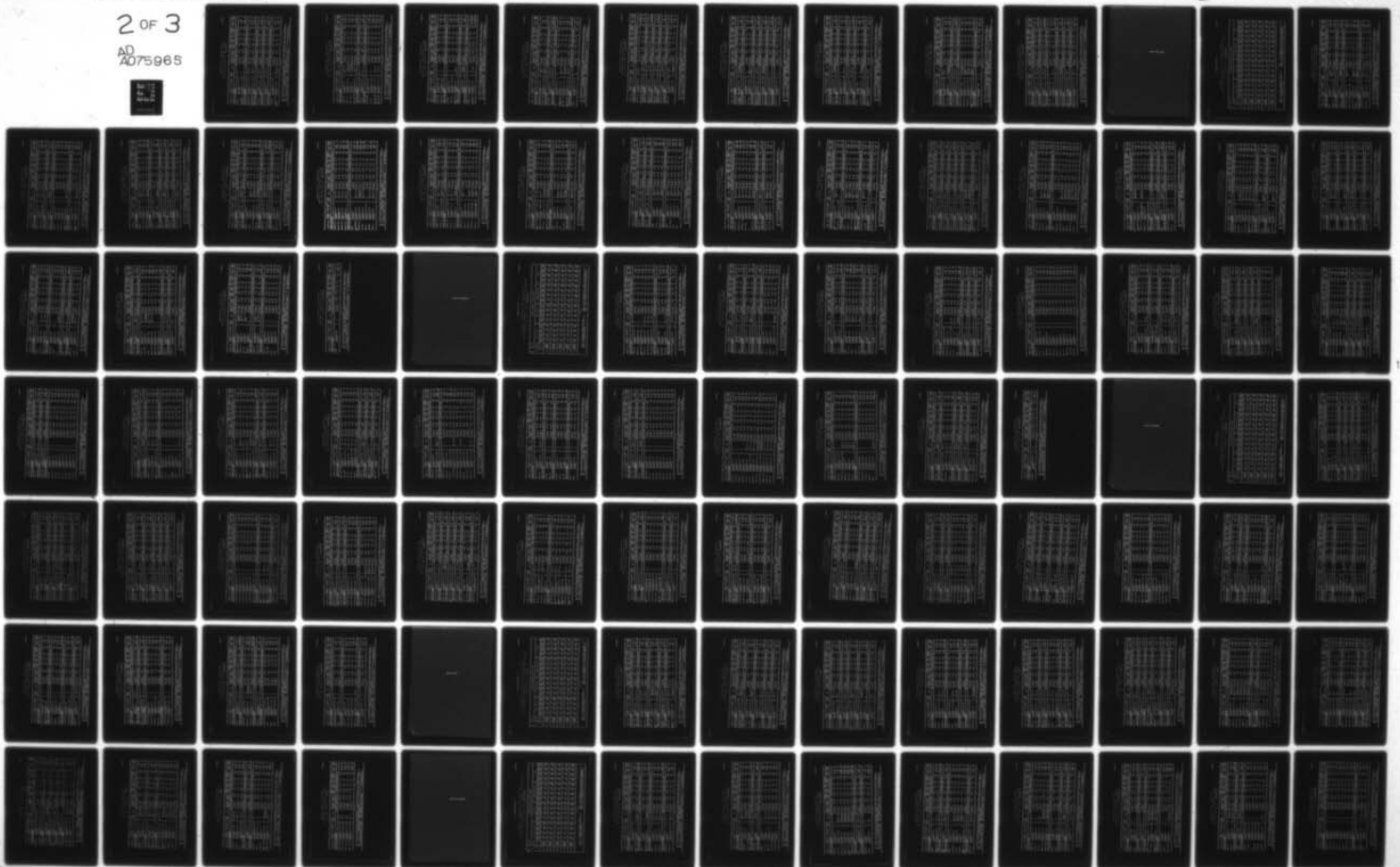
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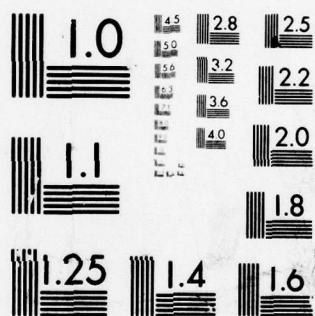
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, SWATH SUPPLY, RECREATION,
ORDERLY CONTROL, FISH POND, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
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(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF KENTUCKY

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ. PURP. (2)	OWNER	*LATITUDE (DM.M)	*DRAINAGE AREA (SQ MI)	*AVERAGE ANNUAL INFLOW (CFS)	*NET POWER OF DAM (FT)	*STORAGE CAPACITY (MM)	*ENERGY (3)
COUNTY NAME: LAUREL										
LAUREL LAKE	KYU0047	LAUREL R.	CHR	DAEN URN	36 57.6	283.0	439.	282.	436.	61.00E 67.0
	DAEN0031				84 16.1					0. 0.
DORTHAIE DAM	KYU0072	LAUREL RIVER	S	LAUREL CO WA	37 .1	97.0	164.	33.	1.	0. 0.
	DAEN0032			TER DIST '2	84 6.0					1.17N 2.2
WOOD CK LAKE	KYU0078	WOOD CK	SR	CUMMINS HEALTH	37 12.8	22.0	42.	118.	45.	0. 0.
	DAEN0033			OF KENTUCKY	84 11.8					1.51N 2.8
CORBIN RESERVOIR	KYU0083	LAUREL RIVER	S	CITY OF CORB	36 58.5	140.0	237.	37.	0.	0. 0.
	DAEN0034			N	84 7.2					2.13N 4.6
COUNTY NAME: LAWRENCE										
COUNTY NAME: LEE										
YATESVILLE	KYU0094	BLAINE CREEK	CRU		38 3.6	208.0	234.	45.	100.	0. 0.
	DAEN0009				82 52.0					2.38N 5.2
COUNTY NAME: LEE										
WALKERS CREEK	KYU0012	WALKERS CREEK			37 35.1	1260.0	1890.	128.	181.	0. 0.
	DAEN0137				83 41.4					76.00N 120.5
PINCASTLE	KYU0019	NO FK KENTUCKY R			37 38.5	1300.0	1950.	50.	81.	0. 0.
	DAEN0136	IV			83 36.0					32.38N 58.9
KENTUCKY RIVER	KYU03025	KENTUCKY RIVER	N	DAEN ORL	37 36.1	2784.0	4176.	18.	0.	0. 0.
OCK + DAM 13	DAEN0139				83 50.0					23.92N 44.1
KENTUCKY RIVER	KYU03026	KENTUCKY RIVER	N	DAEN ORL	37 33.2	2657.0	3986.	17.	0.	0. 0.
OCK + DAM 14	DAEN0140				83 46.2					5.16N 22.1
LEGEND										

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(3) - ESTIMATED CAPACITY AND ENERGY: P=PEAK FLOW, D=OTHER
(4) - ESTIMATED CAPACITY AND ENERGY: N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(5) - UNINSTALLED CAPACITY AND ENERGY: T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF KENTUCKY

PROJECT NAME	IDENT * NUMBER * (1)	NAME OF STREAM OR RIVER	PROJ * PURP * (2)	OWNER	*LATITUDE * *LONGITUDE * (DM,M)	*DRAINAGE * *AREA * (SQ MI)	*ANNUAL * *INFLOW * (CFS)	*NET * *HEAD * (FT)	*HEIGHT * *MAXIMUM * (1000 AC FT)	*CAPACITY * *ENERGY (MW) (3)
COUNTY NAME: LEBLANC										
FERC POWER SUPPLY AREA 10 FERC REGIONAL OFFICE CODE CH										
CUTSHIN CREEK	KYU0008	CUTSHIN CREEK			37 13.2	84.0	126	35	45	69.0U 0.0U 0.0
	ORL0141				83 21.6					1.445T 2.7
GREASEY CREEK	KYU0009	GREASEY CREEK			36 58.4	51.0	76	35	45	30.0U 0.0U 0.0
	ORL0142				83 17.1					.09T 2.0
COUNTY NAME: LETCHER										
FERC POWER SUPPLY AREA 10 FERC REGIONAL OFFICE CODE CH										
LINE FORK	KYU0006	LINE FORK			37 7.2	64.0	96	35	45	62.0U 0.0U 0.0
	ORL0143				83 1.9					.856T 1.7
KINGDOM COME	KYU0007	ND FK KENTUCKY R			37 7.7	131.0	196	35	45	73.0U 0.0U 0.0
	ORL0144	IV			82 57.6					1.71T 3.4
LETCHER-MARLAN	KYU0036	POOR FORK		CORPS	37 0.	52.0	92	76	102	0.0E 0.0E 0.0
DAM	ORN0035				82 54.7					1.98N 4.4
COUNTY NAME: LINGOLN										
FERC POWER SUPPLY AREA 10 FERC REGIONAL OFFICE CODE CH										
BUCK CREEK	KYU0020	BUCK CREEK		LINGOLN COUN	37 23.6	10.0	14	73	50	3.0E 0.0E 0.0
	ORL0145			TY SCD	84 36.6					.42N .8
COUNTY NAME: LIVINGSTON										
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH										
SMITHLAND L + D	KYU0023	OHIO RIVER			37 9.2	143900.0	220000	22	22	0.0U 0.0U 0.0
	ORL0146				88 24.9					1007.18T3001.0
OHIO RIVER LOCK	KYU0300	OHIO RIVER		DAEN ORL	37 21.4	143900.0	143900	8	8	0.0E 0.0E 0.0
DAM 51	ORN0036				88 28.7					366.25N1001.3
LEGEND										

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
DRAINAGE CONTROL, FARM POND, OTHER
(3) - *INSTALLED CAPACITY AND ENERGY *POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - *UNINSTALLED CAPACITY AND ENERGY *TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F K E N T U C K Y

PROJECT NAME	IDNT * NUMBER * (1) *	NAME OF STREAM ON RIVER *	PURP * (2) *	OWNER	LATITUDE * LONGITUDE * (DM,M) *	DRAINAGE * AREA * (SQ MI) *	ANNUAL * INFLOW * (CFS) *	NET * HEIGHT * (FT) *	MAXIMUM * CAPACITY * (AC FT) *	ENERGY * (GWH) *	(3) *
COUNTY NAMES: LOGAN											
FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE CH											
LAKE HERNDON	MU* KY00023	EDGER CREEK	C 9	LUGAN COUNTY	36 53.6	8.0	12.0	73.0	7.0E	0.0E	0.0
D RIVER MPS 24)	*ORL0147			* SCD	86 56.9					.270N	.5
COUNTY NAMES: LYON											
MUD RIVER MPS	6A* KY00345	WOLF LICK CREEK	C 9	LUGAN COUNTY	36 57.0	17.0	25.0	73.0	17.0E	0.0E	0.0
	*ORL0148			* SCD	87 1.8					.570N	1.0
COUNTY NAMES: MADISON											
FERC POWER SUPPLY AREA 20 FERC REGIONAL OFFICE CODE AT											
LAKE BARKLEY	KYU0058	CUMBERLAND	*MCR	*DAEN URN	37 1.3	17590.0	28503.0	75.0	102.0	2082.0E	761.6
	*ORL0037				88 13.3					.260N	768.0
COUNTY NAMES: MADISON											
FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE CH											
FORD	KYU0015	KENTUCKY RIV			37 52.3	2503.0	3755.0	35.0	45.0	840.0U	0.0
	*ORL0149				84 15.2					.41.625T	77.1
MILGREEN LAKE (TAYLOR FORD DAM)	KYU0048	TAYLOR FORD	R	MADISON COUNT	37 42.2	14.0	21.0	73.0	75.0	8.0E	0.0E
	*ORL0150			*TY	84 21.5					.480N	.8
RED BRICK CK MPS	KYU00769	DWISLEY FORD	*SC	*RED LICK CRE	37 32.8	7.0	11.0	73.0	52.0	5.0E	0.0E
	*ORL0151			*EK *C.D.	84 11.0					.240N	.4
KENTUCKY RIVER L	KYU03022	KENTUCKY RIVER	*N	*DAEN DML	37 53.7	3955.0	5933.0	17.0	17.0	0.0E	0.0E
UCK + DAM 10	*ORL0152				84 15.7					.31.970N	97.5
COUNTY NAMES: MAGOFFIN											
FERC POWER SUPPLY AREA 10 FERC REGIONAL OFFICE CODE CH											
ROYALTON	KYU0004	LICKING RIVER			37 40.8	76.0	114.0	35.0	45.0	47.0U	0.0
	*ORL0153				83 1.5					.47	1.145T
L E G E N D											

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(3) - ESSENTIAL CAPACITY AND ENERGY: INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - ESSENTIAL CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF KENTUCKY

PROJECT NAME	IDENT #	NAME OF STREAM OR RIVER	PROJ#	LATITUDE	DRAINAGE	AVERAGE ANNUAL	NET HEIGHT	MAXIMUM	STORAGE	CAPACITY	ENERGY
	(1)		(2)	(DM, N)	(SQ MI)	(CFS)	(FT)	(AC FT)	(MW)	(GWH)	(3)
COUNTY NAME: MARSHALL											
KENTUCKY LAKE	KYU00060	TENNESSEE R.	NCHN TVA	37 40	40200.0	65111.0	140.0	6129.0	E 175.00	E 112.5	
	DRN0038			88 10.1					N 2183.48	N 387.6	
EAST FORK CLARKS R.	KYU00062	MIDDLE FORK CK.	WILLIE HOLMES	36 50.9	15.0	21.0	28.0	38.0	7.0	0.0	0.0
FRS '28-A	DRN0039		89	88 26.1					N 17.0	N 2.0	
COUNTY NAME: MCCRACKEN											
OHIO RIVER LOCK	KY03041	OHIO RIVER	DAEN URL	37 7.3	20280.0	20280.0	12.0	0.0	E 0.0	E 0.0	
DAM 52	DRLO154			88 39.3					N 767.10	N 2302.5	
COUNTY NAME: MCLEAN											
GREEN RIVER LOCK	KY03003	GREEN RIVER	DAEN URL	37 31.9	7584.0	11400.0	14.0	0.0	E 0.0	E 0.0	
DAM 02	DRLO155			87 13.9					N 50.19	N 107.6	
COUNTY NAME: MEADE											
DOE VALLEY LAKE	KY00022	DOE RUN	S MERRILL LYNCH	37 59.9	36.0	54.0	73.0	97.0	19.0	0.0	0.0
	DRLO156			86 7.0					N 92.0	N 1.1	
COUNTY NAME: MONROE											
CELINA DAM	KYU00046	CUMBERLAND RIVER	CURPS	36 36.4	6308.0	10208.0	48.0	60.0	358.0	0.0	0.0
	DRN0040			85 30.2					N 134.08	N 334.2	
	KY00298	MILL CREEK	C S CITY OF TOMPKINSVILLE	36 41.0	7.0	11.0	73.0	63.0	5.0	0.0	0.0
	DRLO157			85 42.1					N 27.0	N 4.0	

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
DEBRIS CONTROL, PUMP AND POND, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY: NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - ESTIMATED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF KENTUCKY

(07/09/79)

PROJECT NAME	ID	STREAM	CR	RIVER	PROJ	OWNER	LONGITUDE	AREA	CH	INFL	HEAD	NET	HEIGHT	MAX	CAP	ENERGY
	NUMBER				(2)		(DM,M)	(SQ MI)	(CF)	(FT)	(FT)	(FT)	(FT)	(1000)	(MW)	(GWH)
COUNTY NAME	MUNICIPALITY															
Lake Malone	2700110	Rocky Creek			R C S COMMONWEALTH	OF KENTUCKY	37 4.9	29.0	43	73	56	30	0	0	0	0
R. Mps	VS16						07 2.0									
COUNTY NAME	NELSON															
CAMPBELL LAKE	2700027	Beech Fork Salt River					37 49.6	438.0	659	25	125	361	0	0	0	0
	ORLO159	Aver					05 17.5									
Lake Sympson	2700045	Buffalo Creek			R S	CITY OF BARD	37 48.4	9.0	14	73	70	6	0	0	0	0
	ORLO160					STON	05 30.6									
COUNTY NAME	OHIO															
Green River Lock	2700300	Green River			N	DAEN DRL	37 12.8	6141.0	9212	17	17	0	0	0	0	0
AND DAN 03	ORLO161						06 54.0									
COUNTY NAME	OHIO															
Elmer Davis Lake	2700059	North Severn Creek			R S	COMMONWEALTH	38 29.7	7.0	10	73	65	4	0	0	0	0
	ORLO162	AK				OF KENTUCKY	04 52.9									
COUNTY NAME	OHIO															
Booneville Lake	2700021	SD FK Kentucky R					37 28.6	605.0	986	277	140	480	0	0	0	0
	ORLO163	IV					03 40.3									
COUNTY NAME	PENNSYLVANIA															
Falmouth Lake	2700020	Licking River					38 35.7	2331.0	3500	88	140	693	0	0	0	0
	ORLO164						04 15.8									

- L E G E N D
- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
 - (2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CROCOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION, DRAINAGE CONTROL, POND, OTHER
 - (3) - ESTIMATED CAPACITY AND ENERGY: NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
 - (3) - UNINSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

POTENTIAL HYDROPOWER SITES
IN THE STATE OF KENTUCKY

(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION,
(3) - DISEMBIS CONTROL, RESERVOIR, P&FARM POND, Q&OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF KENTUCKY

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ. NUMBER	OWNER	LATITUDE (N)	LONGITUDE (W)	AREA (SQ MI)	ANNUAL INFLOW (CFS)	AVERAGE ANNUAL FLOW (CFS)	NET HEAD (FT)	STORAGE CAPACITY (MH)	ENERGY CAPACITY (GWH)
COUNTY NAMES: ROCKCASTLE												
PARKER BRANCH DANKYU0036		ROCKCASTLE RIVER		CORPS	37 18.0	84 8.8	292.0	453.0	76.0	317.0	0.0	0.0
Lake Linville	KYU00069	NEWPRO CK		COMMONWEALTH	37 23.0	84 20.1	15.0	21.0	53.0	72.0	15.0	0.0
COUNTY NAMES: RUSSELL												
Lake Cumberland	KYU00059	CUMBERLAND R.		DAEN DBA	36 52.2	85 8.7	5789.0	905.0	163.0	220.0	2094.0	270.00
COUNTY NAMES: SHELBY												
GUST CREEK LAKE	KYU00040	GUST CREEK		COMMONWEALTH	38 12.4	85 9.5	29.0	44.0	44.0	60.0	12.0	0.0
CEDARHORE LAKE	KYU00050	SIX MILE CREEK		SEBLY	38 19.7	85 1.0	27.0	41.0	22.0	30.0	3.0	0.0
TRAILWOOD LAKE	KYU00315	BACKBONE CREEK		TRAILWOOD LAKE	38 19.1	84 59.7	4.0	6.0	73.0	63.0	3.0	0.0
CEDARHORE RESERVE	KYU00376	TH-SIX MILE CREEK		SEBLY	38 18.8	85 9.9	27.0	41.0	27.0	37.0	0.0	0.0
COUNTY NAMES: SPENCER												
TAYLORSVILLE LAKE	KYU00026	SALT RIVER			38 0.0	85 18.2	353.0	530.0	87.0	132.0	292.0	0.0
E												

- LEGEND
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- (2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION, OR OTHER
- (3) - E=INSTALLED CAPACITY AND ENERGY, N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - U=INSTALLED CAPACITY AND ENERGY, T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

[illegible]

STATE OF MICHIGAN

PHYSICAL POTENTIAL FOR ADDITIONAL
HYDROELECTRIC CAPACITY AND ENERGY DEVELOPMENT
IN THE STATE OF MICHIGAN

[illegible]

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MICHIGAN

PROJECT NAME	IDENT	NAME OF STREAM	PROJ	OWNER	PURP	LONGITUDE	DRAINAGE	AVERAGE ANNUAL	NET POWER	HEIGHT	MAXIMUM	CAPACITY	ENERGY
	(1)	CR RIVER	(2)			(DM)	(SQ MI)	(CFS)	(FT)	(FT)	(AC FT)	(3)	(3)
COUNTY NAME: ALCONA													
ALCONA	*100150*	AUSABLE R		*CONSUMERS PO	44 33.7		1469.0	1332.	39.	41.	6.	8.21E	25.4
	NCE0006			*RER CO	83 47.8							0.	0.
HUBBARD LAKE	*100176*	S BRANCH THUNDER		*ALPENA POWER	44 51.8		146.0	95.	7.	8.	35.	0.	0.
	NCE0007	8AY		*CO	83 35.8							0.	0.
COUNTY NAME: ALGER													
AU TRAIN	*100152*	AU TRAIN		*CLEVELAND CL	46 19.9		80.0	67.	30.	38.	46.	1.20E	5.1
	NCE0008			*IFFS INCO	86 51.0							0.	0.
COUNTY NAME: ALLEGAN													
CALKINS BRIDGE	*100151*	KALAPAZOO		*CONSUMERS PH	42 34.8		1550.0	1554.	16.	33.	14.	2.55E	8.0
	NCE0009			*R CU	85 58.2							1.30E	7.6
DOSTER LAKE DAM	*100418*	SILVER CREEK			42 26.5		16.0	16.	34.	41.	12.	0.	0.
	NCE0010				85 34.3							0.	0.
OTSEGO HYDRO PLANT	*100492*	KALAPAZOO		*CONSUMERS PO	42 28.3		1454.0	1270.	15.	17.	2.	1.73E	8.4
	NCE0011			*RER CO	85 45.5							1.66E	5.3
TROMBRIDGE	*100493*	KALAPAZOO		*CONSUMERS PO	42 28.0		1497.0	1308.	22.	24.	1.	2.10E	9.6
	NCE0012			*RER CO	85 48.2							2.35E	10.6
COUNTY NAME: ALPENA													
MUR MILE DAM	*100170*	THUNDER BAY		*ALPENA PHR	45 5.7		1265.0	1026.	20.	25.	1.	2.03E	6.8
	NCE0013			*O	83 30.2							1.60E	7.4
NINTH STREET	*100188*	THUNDER BAY		*ALPENA PHR	45 4.4		1275.0	1034.	18.	19.	4.	1.20E	6.0
	NCE0014			*O	83 26.0							2.13E	7.0

LEGEND

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(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CFLDOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
DRAINAGE CONTROL, PEFARM POND, OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY NENE INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S

P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I C H I G A N

PROJECT NAME	IDENT * NUMBER * (1)	NAME OF STREAM * CN RIVER	PROJ * PURP * (2)	OWNER	*LATITUDE * (DM,M)	*LONGITUDE * (SO MI)	*DRAINAGE * (SQ MI)	*AVERAGE * ANNUAL * INFLOW * (CFS)	*NET HEIGHT * DF * HEAD * (FT)	*STORAGE * CAPACITY * (1000 * GAL)	*ENERGY * (3) * (3)
COUNTY NAME: ALPENA											
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH											
NORWAY POINT	*MI0019*	*THUNDER BAY	*H	*ALPENA POWER	*45 5.8	*1260.0		*1022.0	*37.0	*30.0E	*4.000E 16.0
	NCE0019			*CO	*83 31.4					*N	*1.019N 9.2
UPPER SOUTH DAM	*MI0020*	*UPPER SN BRANCH	*H	*ALPENA POWER	*45 1.4	*160.0		*33.0	*13.0	*53.0E	*0.0E 0.0
	NCE0019	*THUNDER BAY		*CU	*83 47.6					*N	*.130N .3
COUNTY NAME: ANTRIM											
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH											
ELK RAPIDS DAM	*MI0051*	*ELK	*H	*CONSUMERS PO	*44 54.0	*434.0		*92.0	*10.0	*90.0E	*1.240E 2.4
	NCE0019			*NR CU	*85 24.7					*N	*0.0N 0.0
COUNTY NAME: BARAB											
FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH											
BIG FALLS	*MI0004*	*STURGEON	*H		*46 42.0	*322.0		*390.0	*99.0	*0.0E	*0.0E 0.0
	NCE0019				*88 42.0					*N	*6.310N 23.1
LOWER PLANT	*MI0014*	*STURGEON	*H		*46 42.0	*322.0		*390.0	*90.0	*0.0E	*0.0E 0.0
	NCE0019				*88 42.0					*N	*5.700N 20.9
TIBBETS FALLS	*MI0025*	*STURGEON	*H		*46 42.0	*155.0		*188.0	*112.0	*0.0E	*0.0E 0.0
	NCE0020				*88 42.0					*N	*3.810N 12.9
PRICKETT DIVERSION	*MI0019*	*STURGEON	*H	*U. P. POWER	*46 43.4	*340.0		*430.0	*37.0	*19.0E	*2.200E 9.4
ON DAM	*NCE0021*			*CU	*88 40.1					*N	*0.0N 0.0
COUNTY NAME: BENNETT											
FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH											
KINGS LANDING	*MI0013*	*ST JOSEPH	*H		*42 6.0	*4161.0		*3609.0	*18.0	*0.0E	*0.0E 0.0
	NCE0022				*86 24.0					*N	*8.840N 43.7
BUCHANAN HYDRO ELECTRIC	*MI0001*	*ST JOSEPH RIVER	*H	*IND + MICH E	*41 50.3	*4037.0		*3502.0	*13.0	*2.0E	*3.890E 17.6
	NCE0023			*ELECTRIC CO	*86 21.0					*N	*2.340N 13.1
L E G E N D											

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(2) - PROJECT PURPOSE: I=IMMIGRATION, H=HYDROELECTRIC, C=FLUO CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,
O=OTHER CONTROL, P=PAV. POND, D=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I C H I G A N

PROJECT NAME	IDNT * NUMBER * (1)	NAME OF STREAM CH RIVER	PROJ * PURP * (2)	OWNER	LATITUDE * (DM,N)	DRAINAGE * AREA * (SQ MI)	ANNUAL * INFLOW * (CFS)	AVERAGE * NET * HEIGHT * (FT)	MAXIMUM * STORAGE * (1000 AC FT)	CAPACITY * ENERGY (KWH) (3)
COUNTY NAME: BERRIEN										
FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH										
BUCHANAN	M100157	ST JOSEPH RIVER	M	INDIANA + MI	41 50.3	4037.0	3502	13	2	4.10E 14.0
	NCE0024			CH EL CO	86 21.1					2.13E 16.7
FRENCH PAPER CO	M100536	ST JOSEPH	M	FRENCH PAPER	41 49.7	3691.0	3202	12	1	1.30E 5.5
	NCE0025			CO	86 15.3					4.15E 20.6
BERRIEN SPRINGS	M100536	ST JOSEPH	M	IND + MICH E	41 56.7	4081.0	3540	21	7	7.20E 31.0
	NCE0026			ELECTRIC CO	86 19.7					7.25E 22.0
COUNTY NAME: BRANCH										
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH										
MOONK DAM	M100021	COLDWATER RIVER	M		42 7	75.0	53	7	4	0. E 0.
	NCE0027				85 4.0					.10E .3
WILEY DAM	M100533	ST JOSEPH	M	VILLAGE OF W	42 2.6	544.0	442	15	5	.42E 1.3
	NCE0028			ALTON CITY	85 12.5					.43E 2.7
COUNTY NAME: CALHOUN										
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH										
CERESCO DAM	M100497	KALAMAZOU RIVER	M	SHERMAN E MI	42 18.0	350.0	245	11	4	0. E 0.
	NCE0029			NICK	85 6.0					.48E 1.9
COUNTY NAME: CASS										
FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH										
WHITFORD DAM	M100031	S BR DUNAGIC CR	R		42 0	76.5	85	9	2	0. E 0.
	NCE0030				86 6.0					.12E .6
COUNTY NAME: CHARLEVOIX										
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH										
BOYNE RIVER DAM	M100515	BOYNE	M	CONSUMERS PUB	45 11.7	62.0	70	32	1	.56E 1.4
	NCE0031			WER CO	84 57.0					0. E 0.

L E G E N D

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(2) - PROJECT PURPOSE: I=IRRIGATION, M=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,
D=DEBRIS CONTROL, P=PAVING, O=OTHER
(3) - ESTIMATED CAPACITY AND ENERGY INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I C H I G A N

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	PROJ. NUMBER	CH RIVER	PURP. (2)	OWNER	LONGITUDE (DM.M)	AREA (SQ MI)	INFLON (CFS)	HEAD (FT)	DAM (1000 (M))	STORAGE (M)	CAPACITY (3)	ENERGY (3)
COUNTY NAME: CHARLEVOIX														
EAST JORDAN DAM	MI00519	DEEN CREEK	PO	45	8.0	33.0	100.	25.	31.	1.2E	0.	2E	0.	
	NCE0032		WER CU	85	7.0									
COUNTY NAME: CHEBOYGAN														
CHEBOYGAN	MI00520	CHEBOYGAN	R	45	38.4	1592.0	1520.	13.	16.	2.2E	2.05E	6.7		
	NCE0033			84	28.5									
ALVERNO	MI00521	SLACK	M	45	33.2	610.0	487.	19.	22.	1.2E	1.13E	3.1		
	NCE0034		WER CU	84	23.5									
TOWER HYDRO PLAN	MI00545	UPPER BLACK	M	45	21.7	292.0	254.	20.	23.	1.2E	.56E	2.2		
	NCE0035		CTRIC COOP	84	18.0									
KLEBER DAM	MI00546	UPPER BLACK	M	45	23.5	1300.0	1132.	42.	44.	6.2E	1.20E	4.0		
	NCE0036		M ELECTRIC CO	84	19.8									
COUNTY NAME: CHIPPENAW														
EDISON SAULT	MI00036	ST MARYS RIVER	M	EDISON SAULT	46	30.0	80900.0	84761.	21.	0.	0.2E	41.30E	297.2	
	NCE0143			ELECTRIC CO	84	18.0								
ST MARYS FALLS	MI00046	ST MARYS RIVER	M	CORPS OF ENG	46	30.0	80000.0	55000.	21.	0.	0.2E	16.40E	161.2	
	NCE0144				84	18.0								
COUNTY NAME: CRAWFORD														
EATON	MI00008	AU SABLE	M		44	42.0	642.0	481.	43.	0.	0.2E	0.	0.	
	NCE0145				84	42.0								
UPPER FLAT ROCK	MI00026	AU SABLE	M		44	42.0	1415.0	1677.	96.	0.	0.2E	0.	0.	
	NCE0146				84	42.0								

L E G E N D

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(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, SEWAGE SUPPLY, RECREATION,
 ORDERED CONTROL, PUMP AND DRAINAGE
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I C H I G A N

PROJECT NAME	PROJECT NUMBER	NAME OF STREAM OR RIVER	OWNER	PROJECT NUMBER (2)	LONGITUDE (DN.M)	AREA (SQ MI)	ANNUAL INFLOW (CFS)	NET HEAD (FT)	NET HEIGHT (FT)	AVERAGE ANNUAL POWER (MW)	STORAGE CAPACITY (MH)	ENERGY (GWH)
COUNTY NAMES DELTA												
FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH												
ESCANABA NO. 1	MI00164	ESCANABA	HEAD CORP.	45 47.7	980.0	1053.0	23.0	36.0	2.0E	1.95E	6.7	8.1
ESCANABA NO. 2	MI00165	ESCANABA	HEAD CORP.	45 48.9	900.0	967.0	14.0	19.0	1.0E	0.0E	0.0	0.0
ESCANABA NO. 3	MI00166	ESCANABA	HEAD CORP.	45 50.0	870.0	935.0	30.0	46.0	5.0E	2.50E	9.9	6.9
ESCANABA NO. 4	MI00167	ESCANABA	HEAD CORP.	45 58.8	800.0	860.0	49.0	68.0	2.0E	4.74E	14.0	10.5
COUNTY NAMES DISCHING												
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH												
WILSON	MI00020	PINE		45 48.0	272.0	222.0	99.0	0.0	0.0E	0.0E	0.0	0.0
BIG QUINSEEC FALLS	MI00030	WENDOMINEE	MI00030	45 48.0	2475.0	2513.0	92.0	98.0	0.0E	16.00E	104.9	57.0
QUINSEEC FALLS	MI00040	WENDOMINEE	MI00040	45 48.0	2475.0	2513.0	55.0	0.0	0.0E	3.53E	4.0	92.8
TWIN FALLS	MI00047	WENDOMINEE	MI00047	45 50.0	1790.0	1650.0	44.0	0.0	0.0E	6.14E	32.7	14.4
FORD DAM	MI00048	WENDOMINEE RIVER	MI00048	45 48.7	50.0	97.0	27.0	33.0	3.0E	0.0E	0.0	0.0
KINGSFORD	MI00177	WENDOMINEE	MI00177	45 48.5	2367.0	2404.0	30.0	30.0	7.0E	7.20E	31.2	15.6
STURGEON	MI00198	STURGEON	MI00198	45 48.4	280.0	216.0	43.0	54.0	7.0E	0.80E	4.0	1.9

- LEGEND
- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION, DEBRIS CONTROL, PAFAR POND, OTHER
- (3) - ESTIMATED CAPACITY AND ENERGY: INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (4) - INSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I C H I G A N

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ# PURP# (2)	OWNER	*LATITUDE *LONGITUDE (DM,M)	*DRAINAGE AREA (SQ MI)	*AVERAGE ANNUAL INFLON (CFS)	*NET POWER HEAD (FT)	*MAXIMUM CAPACITY (MW)	*ENERGY (KWH) (3)
COUNTY NAME: DICKINSON										
FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH										
STURGEON FALLS	*MI00199*	*MENDOTA*	*H	*CITY OF NORM*	*45 45.4	*2940.0*	*2711.0*	*25.0*	*4.0E	*3.50E 22.0
	NCE0049			*AY	*67 52.1					*N 5.50E 21.6
MINDNAME 32	*MI00433*	*BRANCH STURGEON*	*CK	*DICKINSON CO*	*45 50.6	*237.0*	*205.0*	*31.0*	*2.0E	*0.0E 0.
	NCE0050			*UNIV	*87 41.5					*N 1.06E 4.3
COUNTY NAME: GENESEE										
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH										
KEARSLEY DAM	*MI00061*	*KEARSLEY CREEK*	*SR	*CITY OF FLINT*	*43 3.3	*115.0*	*84.0*	*10.0*	*3.0E	*0.0E 0.
	NCE0051			*T	*83 39.5					*N .47E 1.0
HOLLOWAY DAM	*MI00064*	*FLINT RIVER*	*SR	*CITY OF FLINT*	*43 7.3	*526.0*	*318.0*	*22.0*	*30.0E	*0.0E 0.
	NCE0052			*T	*83 29.5					*N 2.19E 4.6
MOTT DAM	*MI00469*	*FLINT	*H	*GENESEE COUNT*	*43 4.0	*954.0*	*577.0*	*15.0*	*7.0E	*0.0E 0.
	NCE-IF0			*TY PARK COMM*	*83 39.6					*N 2.62E 5.5
COUNTY NAME: GLADWIN										
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH										
BEAVERTON DAM	*MI00524*	*TOBACCO*	*H	*CITY OF BEAVER*	*43 52.0	*467.0*	*368.0*	*20.0*	*2.0E	*1.05E 2.9
	NCE-IF0			*ERTON	*84 28.5					*N .14E 1.7
CHAPPEL DAM	*MI00525*	*CEDAR RIVER*	*R		*44 .3	*155.0*	*67.0*	*29.0*	*5.0E	*.41E 1.3
	NCE0053				*84 33.0					*N 0.0E 0.
SECORD DAM	*MI00547*	*TITTABAWASSEE*	*H	*MULVERINE POW*	*44 2.0	*210.0*	*205.0*	*49.0*	*51.0E	*1.20E 3.0
	NCE0054			*MER CU	*84 20.5					*N .38E 3.1
SMALLWOOD DAM	*MI00548*	*TITTABAWASSEE*	*H	*MULVERINE POW*	*43 57.7	*342.0*	*227.0*	*28.0*	*9.0E	*1.20E 2.6
	NCE-IF0			*MER CU	*84 20.0					*N .39E 1.4
EDENVILLE	*MI00549*	*TITTABAWASSEE*	*AT*	*MULVERINE POW*	*43 49.0	*1050.0*	*697.0*	*43.0*	*66.0E	*4.80E 10.0
	NCE-IF0	*JUNCT TOBACCO*		*MER CU	*84 23.3					*N 0.0E 0.
L E G E N D										

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO. BOTTOM LINE DEFINES (U.S.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
(2) - DEBRIS CONTROL, FARM POND, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY WHEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MICHIGAN

PROJECT NAME	IDENT * NUMBER * (1) *	NAME OF STREAM OR RIVER	PROJ * PURP * (2) *	OWNER	*LATITUDE * (DM,M)	*LONGITUDE * (SQ MI)	*DRAINAGE AREA (SQ MI)	*AVERAGE ANNUAL * INFLOW * (CFS)	*NET * HEIGHT * HEAD * (FT)	*OF * DAM * (FT)	*STORAGE CAPACITY * (1000 AC FT)	*ENERGY (MWH) (3)
CISCO LAKE RESE*	*MI00033*	*R UNTONAGAN	*S	*U P POWER CU*	*46 18.0	*51.0	*47.0	*8.0	*0.0	*0.0	*0.0	*0.0
VOIR	*NCE0055*				*89 30.0						*.07M	*.3
PRESQUE WILDLIFE*	*MI00192*	*R PRESQUE ISL	*D	*STATE DNR	*46 24.0	*171.0	*188.0	*9.0	*11.0	*2.0	*0.0	*0.0
DAM	*NCE0056*				*89 42.0						*.36M	*1.1
SAXON FALLS	*MI00196*	*MONTREAL RIVER	*H	*LAKE SUPERIOR*	*46 32.7	*272.0	*339.0	*32.0	*39.0	*1.0	*1.25M	*9.4
	NCE0057			*R DIST PR C*	*90 22.4						*0.0	*0.0
SUPERIOR FALLS	*MI00528*	*MONTREAL RIVER	*H	*LAKE SUPERIOR*	*46 33.7	*280.0	*349.0	*135.0	*138.0	*1.0	*1.32M	*8.8
AM	*NCE0058*			*R DIST PR C*	*90 24.5						*7.80M	*18.5
COUNTY NAME: GRAND TRAVERSE												
WALTON	*MI00027*	*HAINISTEE	*H		*44 24.0	*658.0	*780.0	*28.0	*0.0	*0.0	*0.0	*0.0
	NCE0059				*85 42.0						*2.91M	*15.9
BOARDMAN DAM	*MI00512*	*BOARDMAN	*NH	*CONSUMERS PD*	*44 42.0	*278.0	*243.0	*41.0	*44.0	*2.0	*2.40M	*6.2
	NCE0060			*NER CU	*85 37.3						*0.0	*0.0
SABIN	*MI00513*	*UDANDMAN	*H	*CONSUMERS PM*	*44 36.0	*280.0	*245.0	*19.0	*22.0	*0.0	*1.04M	*3.1
	NCE-IFO			*R CO	*85 30.0						*0.0	*0.0
BROWN BRIDGE	*MI00544*	*BOARDMAN	*H	*THAVERSE CITE*	*44 38.7	*223.0	*195.0	*29.0	*33.0	*3.0	*.65M	*2.3
	NCE0061			*Y L P DEPT	*85 30.7						*.12M	*1.8
COUNTY NAME: GRATIOT												
RAINBOW LAKE DAM	*MI00616*	*PINE CREEK	*H	*EASTLICK PRO*	*43 9.0	*82.0	*48.0	*32.0	*42.0	*5.0	*0.0	*0.0
	NCE-IFO			*PELTIES INC	*84 42.0						*.50M	*1.0

LEGEND

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(2) - PROJECT PURPOSES: I=IRRIGATION, M=HYDROELECTRIC, C=FLLOOD CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,
D=DEBRIS CONTROL, P=PEFARM POND, O=OTHER
(3) - ESTABLISHED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(4) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I C H I G A N

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*****
* IDENT * NAME OF STREAM * PROJ* * AVERAGE * NET * HEIGHT* MAXIMUM*
* NUMBER * CH RIVER * (1) * * DRAINAGE* ANNUAL * POWER* OF * STORAGE* CAPACITY* ENERGY
* (1) * * (2) * * AREA * INFLOW * HEAD * DAM * (MW) * (GWH)
* * * * * (CFS) * (FT) * (AC FT) * (3) * (3)
*****
COUNTY NAME: HOUGHTON
*****
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH
*****
REDRIDGE DAM
* M100091 * SALMON TROUT RIV* * COPPER RANGE* 47 9.0 * 13.0 * 107. * 27. * 33. * 2. * 0. * 0.
* NCE0062 * ER * * CU * 88 45. * * * * * * * * * *
*****
COUNTY NAME: INGHAM
*****
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH
*****
MOORES PARK
* M100094 * GRAND RIVER * * CITY OF LANS* 42 43.0 * 750.0 * 510. * 14. * 22. * 3. * 1.50 * 2.7
* NCE0063 * * * * * * * * * * * * * * * * * * * * * *
*****
COUNTY NAME: IONIA
*****
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH
*****
WEBBER
* M100206 * GKANC * * CONSUMERS PH* 42 57.4 * 1751.0 * 1169. * 26. * 27. * 9. * 3.25 * 9.1
* NCE0064 * * * * * * * * * * * * * * * * * * * * * *
*****
LYONS DAM
* M100509 * GRAND * * VILLAGE OF L* 42 58.8 * 1760.0 * 1169. * 9. * 11. * 1. * .35 * 1.2
* NCE0065 * * * * * * * * * * * * * * * * * * * * * *
*****
PORTLAND MUNICIPAL * M100541 * GRAND * * PORTLAND ELE* 42 54.0 * 1695.0 * 1426. * 9. * 12. * 1. * .38 * 2.8
* NCE-1FO * * * * * * * * * * * * * * * * * * * * * *
*****
COUNTY NAME: JAGO
*****
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH
*****
COOKE
* M100161 * AU SABLE R * * CONSUMERS PH* 44 28.4 * 1641.0 * 1489. * 38. * 48. * 43. * 9.00 * 26.3
* NCE0066 * * * * * * * * * * * * * * * * * * * * * *
*****
FIVE CHANNELS
* M100168 * AU SABLE * * CONSUMERS PH* 44 29.1 * 1613.0 * 1463. * 35. * 45. * 6. * 6.00 * 24.7
* NCE0067 * * * * * * * * * * * * * * * * * * * * * *
*****
FOOTE
* M100169 * AU SABLE R * * CONSUMERS PH* 44 26.1 * 1644.0 * 1491. * 39. * 47. * 44. * 9.00 * 29.2
* NCE0068 * * * * * * * * * * * * * * * * * * * * * *
*****
LOUD
* M100178 * AU SABLE * * CONSUMERS PH* 44 29.3 * 1602.0 * 1451. * 27. * 35. * 14. * 4.00 * 18.0
* NCE0069 * * * * * * * * * * * * * * * * * * * * * *
*****
L E G E N D
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- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CSELOOD CONTROL, NAVIGATION, SANITARY SUPPLY, RECREATION,
(3) - ESTIMATED CAPACITY AND ENERGY: DEBRIS CONTROL, REFORM POND, OTHER
(4) - ESTIMATED CAPACITY AND ENERGY: INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(5) - ESTIMATED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MICHIGAN

PROJECT NAME	IDENT * NUMBER * (1) *	NAME OF STREAM OR RIVER	PROJ * PURP * (2) *	OWNER	*LATITUDE *LONGITUDE (DM,M) *	*DRAINAGE AREA (SQ MI) *	*ANNUAL * INFLOW * (CFS) *	*POWER * HEAD * (FT) *	*CAPACITY * OF DAM * (1000 * KW) * (3) *	*ENERGY CAPACITY * (WH) * (3) *
COUNTY NAMES: IRON										
FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH										
BRULE ISLAND	*M00156*	*BRULE	*R	*MIS-MI PWR C*	45 56.8	1050.0	1047	60	26	5.34E 19.1
	NCE0070			*D	86 13.2					2.62E 24.5
HEMLOCK FALLS	*M00172*	*MICHIGANNE	*R	*MIS-MI PWR C*	46 0.7	665.0	704	34	1	2.80E 13.8
	NCE0071			*D	85 14.6					1.04E 2.9
MICHIGANNE FALLS	*M00194*	*MICHIGANNE	*R	*MIS-MI PWR C*	45 57.4	724.0	766	60	20	9.60E 42.0
	NCE0072			*D	88 11.8					0.0E 0.
PEAVY FALLS	*M00191*	*MICHIGANNE	*R	*MIS-MI PWR C*	45 59.4	715.0	757	94	127	12.00E 63.9
	NCE0073			*D	86 12.8					0.0E 0.
WAY	*M00205*	*MICHIGANNE	*R	*MIS-MI PWR C*	46 9.3	645.0	683	28	35	141E 10.1
	NCE0074			*D	88 14.0					1.28E 3.2
CRYSTAL FALLS	*M00530*	*PAINT	*R	*CITY OF CRYSTAL FALLS	46 6.3	616.0	608	22	25	2E 3.0
	NCE0075				88 20.0					1.56E 5.4
COUNTY NAMES: ISABELLA										
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH										
ISABELLA LAKE	*M00434*	*CHIPPEWA RIVER	*R	*ISABELLA COU *	43 39.2	416.0	311	33	45	16E 0.0E 0.
	NCE-IF0			*NTY	84 59.3					1.69E 6.6
COUNTY NAMES: JACKSON										
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH										
GRAND LAKE DAM	*M00484*	*GRAND RIVER	*R	*PESAI AND ASS *	42 5.3	174.0	120	12	15	2E 0.0E 0.
	NCE0076			*SOCIATES	84 25.3					2.8E 1.0
MIRROR LAKE DAM	*M00654*	*GRAND RIVER	*R	*AMERICAN CEN *	42 6.0	16.6	11	16	21	1E 0.0E 0.
	NCE-IF0			*TRAL CORP *	84 24.0					0.0E 0.1
LEGEND										

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(2) - PROJECT PURPOSES: I=IRRIGATION, M=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=SWATER SUPPLY, R=RECREATION,
D=DEBRIS CONTROL, P=PAVEMENT, O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY, N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY, T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

POTENTIAL HYDROPOWER SITES
IN THE STATE OF MICHIGAN

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ NUMBER	PROJ PUMP (2)	OWNER	LATITUDE (DN,M)	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CFS)	AVERAGE ANNUAL POWER (FT)	NET HEIGHT OF HEAD (FT)	MAXIMUM STORAGE CAPACITY (MG)	ENERGY (KWH)
COUNTY NAME: KALAMAZOO												
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH												
MRYCE E. MORROW DAM	M100146	KALAMAZOO	M		CONSUMERS PM	42 17.0	1010.0	848.0	11.0	14.0	6.0E	0.0E
	NCE0077				M CU	85 29.5					1.78DN	6.8
GULL LAKE DAM	M100565	GULL LAKE OUTLET	M			42 22.3	19.0	10.0	65.0	21.0	3.0E	0.0E
	NCE-1F0					85 23.0					.10DN	.5
COUNTY NAME: MONT												
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH												
ADA DAM	M100501	THORNAPPLE	M		CONSUMERS PM	42 57.0	824.0	665.0	21.0	24.0	3.0E	2.18E
	NCE0078				M CU	85 29.5					.63DN	1.6
CASCADE DAM	M100502	THORNAPPLE	M		CONSUMERS PM	42 54.7	813.0	633.0	20.0	31.0	5.0E	2.01E
	NCE0079				M CU	85 30.0					.14DN	2.0
LONELL DAM NO. 1	M100506	FLAT RIVER	M		CONSUMERS PM	42 59.7	545.0	452.0	17.0	23.0	3.0E	1.05E
	NCE-1F0				M CU	85 21.6					.43DN	.5
GRAND RAPIDS WEST SIDE	M100508	GRAND RAPIDS	M		CITY OF GR	42 58.0	4200.0	3074.0	12.0	14.0	4.0E	6.70E
	NCE-1F0				M CU	85 40.5					.0	.0
COUNTY NAME: LAPEER												
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH												
WHITE SANDS DAM	M100425	FARMERS CREEK	M		WHITE SANDS	42 58.0	55.0	30.0	21.0	29.0	5.0E	0.0E
	NCE-1F0				DEV CO.	83 22.8					.20DN	.4
LAKE LAPEER	M100543	FARMERS CREEK	M			42 58.0	55.0	30.0	19.0	23.0	3.0E	0.0E
	NCE0080					83 22.8					.18DN	.4
COUNTY NAME: LEECLAN												
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH												
LAKE LEECLAN DAM	M100510	LEECLAN	M			45 1.5	110.0	96.0	8.0	10.0	14.0E	0.0E
	NCE0081					85 45.7					.10DN	.5

LEGEND

(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE IO. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE IO.
(2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
(2) - DISEASE CONTROL, FISH AND WILDLIFE
(3) - ESTABLISHED CAPACITY AND ENERGY WHEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.

(2) - PROJECT PURPOSE: I=IRIGATION, H=HYDROELECTRIC, CF=FLOOD CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION, D=DEBRIS CONTROL, P=PAH PQND, O=OTHER

(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)

(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I C H I G A N

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PUMP (2)	OWNER	LATITUDE (DM,M)	DRAINAGE AREA (SQ MI)	INFLUX (CFS)	AVERAGE ANNUAL FLOW (CFS)	NET HEIGHT OF DAM (FT)	STORAGE OF DAM (1000 GPM)	CAPACITY OF DAM (1000 GPM)	ENERGY (3)
COUNTY NAME: MANISTEE												
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH												
HIGH BRIDGE	*MI00011*	MANISTEE	*M		44 16.0	1469.0	1678.0	13.0	0.0	0.0E	0.0E	0.0
	NCE0008				86 12.0					3.11E	3.11E	13.8
MODERN POND	*MI00174*	MANISTEE	*M	CONSUMERS	44 22.6	1016.0	1163.0	67.0	65.0	71.0E	18.00E	48.0
	NCE0089			CO	85 49.2					0.0E	0.0E	0.0
TIPPY POND	*MI00200*	MANISTEE	*M	CONSUMERS	44 15.3	1451.0	1637.0	56.0	68.0	52.0E	80.00E	53.7
	NCE0090			CO	85 56.3					0.0E	0.0E	0.0
STRONACH	*MI00229*	PINE	*M	CONSUMERS	44 13.0	274.0	315.0	19.0	19.0	1.0E	.99E	1.9
	NCE0091			CO	85 54.0					0.0E	0.0E	0.0
COUNTY NAME: MARQUETTE												
FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH												
MCCLURE	*MI00017*	DEAD	*M		46 24.0	140.0	16.0	362.0	0.0	0.0E	0.0E	0.0
	NCE0092				87 30.0					12.44E	12.44E	29.1
PEMENE FALLS	*MI00019*	HENDONINEE	*M		45 36.0	3170.0	2640.0	29.0	0.0	0.0E	0.0E	0.0
	NCE0093				87 48.0					16.31E	16.31E	53.6
DEVELOPMENT NO 1	*MI00034*	DEAD	*M	CITY OF MARQUETTE	46 24.0	156.0	130.0	81.0	0.0	0.0E	1.00E	.5
	NCE0094				87 30.0					1.33E	1.33E	6.0
ESCANABA	*MI00163*	ESCANABA	*M	CLEVELAND CLIFFS IRON CO	46 18.7	346.0	378.0	11.0	19.0	3.0E	2.00E	3.0
	NCE0097				87 30.3					0.0E	0.0E	0.0
MOIST DAM	*MI00175*	DEAD	*M	CLEVELAND CLIFFS IRON CO	46 33.9	137.0	173.0	59.0	78.0	160.0E	4.40E	14.8
	NCE0098				87 34.1					0.0E	0.0E	0.0
MARQUETTE NO. 2	*MI00181*	DEAD	*M	CITY OF MARQUETTE	46 34.2	156.0	17.0	49.0	65.0	3.0E	3.20E	12.0
	NCE0099				87 27.0					0.0E	0.0E	0.0
MC CLURE	*MI00183*	DEAD	*M	CLEVELAND CLIFFS IRON CO	46 36.0	140.0	177.0	43.0	54.0	4.0E	9.86E	42.9
	NCE0100				87 31.1					0.0E	0.0E	0.0
L E G E N D												

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION, D=DEBRIS CONTROL, P=PEAK FLOW, O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY, N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY, T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

POTENTIAL HYDROPOWER SITES IN THE STATE OF MICHIGAN

[illegible]

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, C-FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION, DOEBRIS CONTROL, P-FARM POND, O-OTHER
- (3) - INSTALLED CAPACITY AND ENERGY
- (3) - UNINSTALLED CAPACITY AND ENERGY
- (3) - INSTALLED CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - UNINSTALLED CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I C H I G A N

PROJECT NAME	IDENT * NUMBER * (1) *	NAME OF STREAM * CR RIVER	PUMP * (2) *	UNNR	*LATITUDE * (DM,M)	*LONGITUDE * (SU MI)	*DRAINAGE * (SU MI)	*ANNUAL * (GFS)	*INFLON * (FT)	*HEAD * (FT)	*NET * (AC FT)	*AVERAGE * (1000)	*STORAGE * (GMM)	*CAPACITY * (3)	*ENERGY * (3)
COUNTY NAMES: MENOMINEE															
FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH															
SAND PORTAGE	*MI00020*	MENOMINEE	*H		*45 24.0		*2530.0*		*2107.0*		*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
	NCE0111				*87 36.0									*17.51*	*57.5
GRAND RAPIDS	*MI00039*	MENOMINEE	*H		*MISCONSIN PWR	*45 21.0	*3667.0*		*3220.0*		*26.0*		*0.0*	*7.02*	*36.5
	NCE0112				*BLIC SERV CO	*87 35.0								*10.82*	*22.1
CHALK HILL	*MI00160*	MENOMINEE	*H		*MIS-MICH PWR	*45 30.8	*3500.0*		*3227.0*		*28.0*		*12.0*	*7.80*	*36.7
	NCE0113				*CU	*87 48.2								*10.72*	*26.2
WHITE RAPIDS	*MI00207*	MENOMINEE	*H		*MIS-MICH PWR	*45 30.0	*3228.0*		*2976.0*		*29.0*		*7.0*	*8.00*	*40.0
	NCE0114				*CU	*87 48.2								*9.89*	*20.0
UPPER MENOMINEE	*MI00531*	MENOMINEE	*H		*SCOTT PAPER	*45 24.0	*4061.0*		*3381.0*		*11.0*		*1.0*	*.92*	*6.9
RIVER DAM	*NCE0115*				*CU	*87 36.0								*4.54*	*17.2
LOWER MENOMINEE	*MI00532*	MENOMINEE	*H		*SCOTT PAPER	*45 6.4	*3790.0*		*3494.0*		*12.0*		*0.0*	*2.24*	*15.9
	NCE0116				*CU	*87 37.8								*3.44*	*11.2
COUNTY NAMES: MIDLAND															
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH															
CARROLL CREEK DAM	*MI00417*	S BR CARROLL CREEK	*H		*43 36.0		*28.3*		*87.0*		*42.0*		*1.0*	*0.0*	*0.0
	NCE0117	HEK			*84 30.0									*.73*	*2.5
SANFORD	*MI00550*	TITTABAWASSEE	*H		*MULVERINE PWR	*43 40.7	*1090.0*		*1245.0*		*26.0*		*35.0*	*3.30*	*7.0
	NCE-1PO				*MEL CO	*84 23.0								*1.32*	*16.5
COUNTY NAMES: NEWAYGO															
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH															
BRIDGETON	*MI00005*	MUSKEGON	*H		*43 24.0		*2330.0*		*1960.0*		*20.0*		*0.0*	*0.0*	*0.0
	NCE0118				*85 54.0									*5.55*	*26.7
NEWAYGO HYDRO PL	*MI00041*	MUSKEGON	*H		*CONSUMERS PWR	*43 24.0	*2277.0*		*1915.0*		*18.0*		*0.0*	*2.13*	*10.9
ANT	*NCE0119*				*R CO	*85 48.0								*2.91*	*12.7
LEGEND															

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(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,
O=ORDERLY CONTROL, P=PAVING POND, G=OTHER
(3) - ESTIMATED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MICHIGAN

PROJECT NAME	ID	NAME OF STREAM	PROJ#	LAITUDE	DRAINAGE	AVERAGE	NET	HEIGHT	MAXIMUM	STORAGE	CAPACITY	ENERGY
	NUMBER	CK RIVER	PURP#	LONGITUDE	AREA	ANNUAL	POWER	DF				
	(1)		(2)	(DN,M)	(SU MI)	(CFS)	(FT)	(FT)	(AC FT)	(3)	(3)	(3)
COUNTY NAME: NEMAYGO												
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH												
CROTON	M100162	MUSKEGON	M	43 25.3	2224.0	1871.	40.	52.	36.	9.00	37.1	
	NCE0120		M CO	85 48.1						4.77	16.2	
HARDY	M100171	MUSKEGON	M	43 29.3	1851.0	1557.	63.	78.	183.	30.00	84.9	
	NCE0121		M CO	85 37.8						0.	0.	
COUNTY NAME: OAKLAND												
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH												
BACON	M100002	MUSKEGON	M	43 24.0	2246.0	1889.	20.	0.	0.	0.	0.	
	NCE0148			85 48.0						7.18	35.7	
MICHIGAN CENTRAL	M100259	PAINT CREEK	M	42 45.9	39.0	26.	13.	17.	4.	0.	0.	
DAM	NCE-IFU		M. CU.	83 14.7						0.	0.	
COUNTY NAME: OCEANA												
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH												
HART DAM	M100201	S BRANCH PENTH	M	43 42.4	78.0	262.	32.	33.	4.	30.	1.0	
	NCE0122		ELECT SYSTEM	86 21.9						1.05	5.0	
COUNTY NAME: OCEANA												
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH												
STYLUS LAKE	M100288	AU GRES	M	44 19.2	84.0	106.	18.	22.	2.	0.	0.	
	NCE0123			83 56.0						0.37	1.3	
OGEHAN LAKE DAM	M100296	PETERSON CREEK	M	44 18.0	23.8	50.	26.	32.	7.	0.	0.	
	NCE0124		Y	84 6.0						0.15	0.5	
COUNTY NAME: ONTONAGON												
FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH												
GRAND RAPIDS	M100010	ONTONAGON	M	46 42.0	1310.0	1417.	55.	0.	0.	4.00	32.0	
	NCE0125			89 12.0						17.73	20.4	
LEGEND												

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(2) - PROJECT PURPOSE: I=IRRIGATION, M=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=SWATER SUPPLY, R=RECREATION,
D=DEBRIS CONTROL, P=PAVING, PO=PO, D=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MICHIGAN

PROJECT NAME	ID NUMBER (1)	NAME OF STREAM OR RIVER	PURPOSE (2)	OWNER	LATITUDE (DM,N)	LONGITUDE (WM,W)	AREA (SQ MI)	ANNUAL INFLUX (CFR)	NET HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (3)	ENERGY (8HM)
COUNTY NAME: ONTONAGON													
FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH													
HOOPER	MI00012	BR ONTONAGON	M		46 36.0		610.0	672.0	63.0	0.0	0.0	0.0	0.0
	NCE0126				89 30.0							6.89	25.1
WOND FALLS	MI00153	ONTONAGON	M	W.P. P.M. CU	46 24.5		190.0	128.0	30.0	40.0	43.0	0.0	0.0
	NCE0128				89 7.8							6.89	2.8
VICTORIA DIVERSION	MI00203	ONTONAGON	M	W.P. P.M. CO	46 41.3		650.0	519.0	84.0	113.0	20.0	12.00	64.0
DN	NCE0129				89 13.8							0.0	0.0
COUNTY NAME: OCEANOGRAPHY													
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH													
BAKER BRIDGE	MI00003	SAU SABLE	M		44 42.0		1045.0	948.0	29.0	0.0	0.0	0.0	0.0
	NCE0130				84 6.0							3.76	20.0
THOMPSON	MI00024	SAU SABLE	M		44 42.0		1588.0	1440.0	11.0	0.0	0.0	0.0	0.0
	NCE0131				84 6.0							2.17	11.5
MIO	MI00186	SAU SABLE R	M	CONSUMERS PO	44 39.5		1225.0	1111.0	28.0	38.0	16.0	5.00	15.0
	NCE0132			W.P. CU	84 7.5							0.0	0.0
COUNTY NAME: OCEANOGRAPHY													
FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH													
FORKS	MI00009	ONTONAGON	M		46 42.0		1290.0	1396.0	36.0	0.0	0.0	0.0	0.0
	NCE0149				89 12.0							8.22	29.1
COUNTY NAME: OCEANOGRAPHY													
FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH													
PAPER MILL	MI00377	MANISTIQUE	M	MANISTIQUE P	45 57.2		1100.0	1448.0	23.0	30.0	2.0	0.0	0.0
	NCE0133			SULP + PAPER	86 14.8							5.21	20.8
A-2 POOL	MI00635	SANK CREEK	M	DDI BSM	46 18.0		50.3	53.0	9.0	12.0	2.0	0.0	0.0
	NCE0134				86 0.0							1.11	3.3
LEGEND													

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, GULFLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
DEDEKIS CONTROL, P.FARM POND, DROTHER
(3) - ESTIMATED CAPACITY AND ENERGY: INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - INSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATE S
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MICHIGAN

PROJECT NAME	IDNT	NAME OF STREAM	PRJ#	AVRG	NET	HEIGHT	MAXIMUM	STORAGE	CAPACITY	ENERGY
	NUMBER	CR RIVER	PURP	ANNUAL	POWER	OF				
	(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
COUNTY NAME: SHANABEE										
SCENIC LAKE DAM	M100403	LOOKING GLASS RIVER	SCENIC LAKES	42 51.5	281.0	162	12	3	0	0
	NCE-IFO	VER	INC	84 19.7						
COUNTY NAME: ST JOSEPH										
MOTTVILLE	M100187	MILL CREEK	MICH PWR CO	41 48.4	1862.0	1349	11	16	4	1.08E 7.1
	NCE0135			85 44.9						1.11E 4.7
LAKE TEMPLENE	M100470	PRAIRIE	ST JOSEPH CO	41 54.5	106.0	88	13	18	9	0
	NCE-IFO		L+L DEV COR	85 29.0						0
STURGIS	M100534	ST JOSEPH	CITY OF STUR	41 58.2	944.0	762	26	29	7	0
	NCE0136		GIS	85 32.4						.24E 0.7
CONSTANTINE HYDRO	M100535	ST JOSEPH	MICH POWER CO	41 50.5	1542.0	1245	11	13	4	0
	NCE0137			85 39.0						1.20E 5.5
UPPER CONSTANTINE	M100554	FANN RIVER		41 48.0	22.9	18	8	10	3	0
	NCE0138			85 42.0						1.10E 3.9
LOWER CONSTANTINE	M100555	FANN RIVER		41 48.0	22.9	18	8	10	3	0
	NCE0139			85 42.0						0
COUNTY NAME: ST GLAIR										
FORDS DAM	M100363	BLACK RIVER	TEL FARMS	43 6.0	483.0	281	20	27	3	0
	NCE0140			82 56.0						0
COUNTY NAME: WASHTENAW										
RAMSONVILLE	M100194	MURON RIVER	JYRO	42 12.2	800.0	480	33	44	23	1.92E 8.5
	NCE0141			83 33.5						.76E 1.7

LEGEND

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(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CATASTROPHIC CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
UNDERGROUND CONTROL, PUMP POND, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY: INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(4) - UNINSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MICHIGAN

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM CR RIVER	PROJ# PURP# (2)	UMMR	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE CAPACITY (MM)	ENERGY (GWH) (3)
COUNTY NAME: WASHTENAW											
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH											
PENINSULAR PAPER CO.	MI00500	HURON	MI00500	PENINSULAR P	42 12.0	800.0	480.0	13.0	16.0	1.40E	3.3
	NCE-1FO			SUPER CO.	83 36.0					0.0	0.0
SUPERIOR DAM	MI00550	HURON	MI00550	DETROIT EDIS	42 15.9	792.0	475.0	16.0	32.0	1.41E	3.3
	NCE-1FO			ON	83 35.5					0.0	0.0
BARTON DAM	MI00560	HURON	MI00560	CITY OF ANN	42 18.5	723.0	434.0	26.0	29.0	1.55E	3.2
	NCE-1FO			ARBON	83 45.3					0.0	0.0
GEODES DAM	MI00561	HURON	MI00561		42 15.9	757.0	450.0	17.0	20.0	1.40E	3.1
	NCE-1FO				83 38.5					0.0	0.0
COUNTY NAME: WAYNE											
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH											
NEWBURN DAM	MI00396	MIDDLE BR	MI00396	WAYNE CNTY R	42 24.0	105.0	73.0	24.0	31.0	1.4E	0.0
	NCE-1FO			AD COMM	83 24.0					0.0	0.0
FRENCH LANDING	MI00557	HURON	MI00557	EVAN BUREN TR	42 12.9	825.0	495.0	31.0	35.0	2.69E	7.5
	NCE-1FO			AP	83 26.9					0.0	0.0
COUNTY NAME: NEWPOND											
FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH											
DUTCH JOHN	MI00007	HANISTEE	MI00007		44 24.0	475.0	563.0	40.0	0.0	0.0E	0.0
	NCE-1FO				85 42.0					0.0	0.0
LOMER SIBLEY	MI00015	HANISTEE	MI00015		44 24.0	1086.0	1287.0	50.0	0.0	0.0E	0.0
	NCE-1FO				85 42.0					0.0	0.0
HANTON	MI00016	HANISTEE	MI00016		44 30.0	736.0	899.0	41.0	0.0	0.0E	0.0
	NCE-1FO				85 24.0					0.0	0.0
SANDS	MI00021	HANISTEE	MI00021		44 24.0	538.0	661.0	37.0	0.0	0.0E	0.0
	NCE-1FO				85 42.0					0.0	0.0

LEGEND

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(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CROPLAND CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
DRAINAGE CONTROL, POND, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY, INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - UNINSTALLED CAPACITY AND ENERGY, TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MICHIGAN

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
* NUMBER * CR RIVER * PURP * * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY *
* (1) * * * * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH) *
* (2) * * * * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3) *
*****
COUNTY NAME: WEXFORD
*****
* * * * * FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH
*****
SHERMAN * * * * *
* * * * * 44 24.0 * 925.0 * 1097. * 55. * 0. * 0. * E 0.
* * * * * 85 42.0 * * * * * * * N 7.36 * N 43.5
* * * * * * * * * * * * * * *
*****
LEGEND
*****
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- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, C-FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION, DEBRIS CONTROL, P-FARM POND, OTHER
- (3) - ESTIMATED CAPACITY AND ENERGY * INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - UNINSTALLED CAPACITY AND ENERGY * TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

STATE OF MINNESOTA

(07/08/79)

... PRELIMINARY ESTIMATE ...

PHYSICAL POTENTIAL FOR ADDITIONAL HYDROELECTRIC CAPACITY AND ENERGY DEVELOPMENT IN THE STATE OF MINNESOTA

POTENTIAL INCREMENTAL CAPACITY RANGES														
.05 MW - 15 MW														
15 MW - 25 MW														
GREATER THAN 25 MW														
TOTAL														
NUMBER	CAPACITY	ENERGY	EXIST	UNDEVELOPED	TOTAL	EXIST	UNDEVELOPED	TOTAL	EXIST	UNDEVELOPED	TOTAL	EXIST	UNDEVELOPED	TOTAL
0-19	12.0	75.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20-49	13.0	75.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50-99	13.0	75.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
>100	13.0	75.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	12.0	75.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

LEGEND

COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT
COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING DAMS
COLUMN 3 = UNDEVELOPED POTENTIAL
COLUMN 4 = TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS 2 AND 3)
CAPACITY = SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT)
ENERGY = SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIGAWATT-HOUR)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S

P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I N N E S O T A

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	PROJ PURP	OWNER	LATITUDE	DRAINAGE AREA	ANNUAL INFLOW	NET POWER	HEIGHT	MAXIMUM STORAGE	CAPACITY	ENERGY
	(1)	CR RIVER	(2)		(DN,M)	(SQ MI)	(CFD)	(FT)	(FT)	(1000)	(MH)	(GWH)
COUNTY NAME: ASTIN												
FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE												
MAYHEW LAKE	MN00241	MAYHEW CREEK	0		45 40.7	27.0	6.0	8.0	10.0	5.0	0.0	0.0
	NC30002				94 7.6						.05N	.1
RIPPLE LAKE	MN00243	RIPPLE RIVER	0		46 27.7	90.0	21.0	6.0	8.0	12.0	0.0	0.0
	NC30003				93 41.4						.07N	.2
HANGING KETTLE LAKE	MN00244	RIPPLE RIVER	0		46 28.6	93.0	22.0	4.0	6.0	6.0	0.0	0.0
	NC30004				93 42.0						.05N	.1
SANDY LAKE	MN00583	SANDY RIVER	0	DAEN MCS	46 47.3	421.0	207.0	12.0	16.0	109.0	0.0	0.0
	NC30005				93 19.2						.41N	1.5
RICE RIVER POOL	MN00622	RICE RIVER	0	DOI B8FN	46 33.5	145.0	48.0	8.0	11.0	38.0	0.0	0.0
	NC30006				93 21.7						.11N	.4
RICE LAKE POOL	MN00623	TR-RICE RIVER	0	DOI B8FN	46 32.4	138.0	46.0	7.0	9.0	14.0	0.0	0.0
	NC30007				93 19.0						.08N	.3
COUNTY NAME: ANOKA												
FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE												
RICE CREEK	MN00113	MISSISSIPPI	0		45 5.6	18800.0	7030.0	22.0	22.0	6.0	0.0	0.0
	NC30008				93 16.7						42.14N	113.0
CEDAR CREEK	MN00119	RUH	0		45 18.3	1360.0	561.0	28.0	28.0	4.0	0.0	0.0
	NC30009				93 22.5						3.20N	9.4
RUH RIVER	MN00549	RUH RIVER	0	CITY OF ANOKA	45 12.0	1484.0	611.0	22.0	30.0	1.0	0.0	0.0
	NC30010				93 23.4						3.17N	8.5
COUNTY NAME: BECKER												
FERC POWER SUPPLY AREA 26 FERC REGIONAL OFFICE CODE												
TWO INLETS LAKES	MN00020	MAY CREEK	0	STATE OF MN	47 1.8	110.0	52.0	18.0	6.0	14.0	0.0	0.0
	NC30011				95 11.3						.11N	.3

L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I N N E S O T A

PROJECT NAME	IDENT * NUMBER * (1)	NAME OF STREAM CN RIVER	PROJ * PUMP * (2)	OWNER	LATITUDE * (DM,M)	LONGITUDE * (SQ MI)	AREA * (SQ MI)	ANNUAL * INFLUN * (CFS)	AVERAGE * ANNUAL * FLOW * (CFS)	NET * HEAD * (FT)	HEIGHT * OF * DAM * (FT)	MAXIMUM * CAPACITY * (NM)	ENERGY * (KWH)
COUNTY NAME: BECKER													
HEIGHT OF LAND	MN000021	OTTERTAIL RIVER	CU	STATE OF MN	46 53.2	195.0	39	59	6	8	24	0	0
	NCS00012				95 37.8							0.06	.2
CHIPPEWA	MN000017	OTTERTAIL RIVER	CU	DOH USF	46 57.1	114.0	22	22	9	12	0	0	0
	NCS00013				95 37.2							0.06	.1
COUNTY NAME: BELTRAMI													
MOVIL LAKE	MN000015	TURTLE RIVER	CU	STATE OF MN	47 37.5	77.0	54	54	9	12	19	0	0
	NCS00014				94 46.9							0.07	.1
MISSISSIPPI RIVE	MN000050	MISSISSIPPI RIVER	CU	OTTERTAIL PDR	47 29.1	608.0	102	102	10	24	5	0	0
	NCS00015				94 43.1							0.75	3.3
COUNTY NAME: BIG STONE													
BIG STONE LAKE	MN000109	MINNESOTA RIVER	CU		45 17.0	1160.0	113	113	12	15	105	0	0
	NCS00016				96 26.9							0.38	.6
COUNTY NAME: BLUE EARTH													
NEW ULM R	MN000129	MINNESOTA	CU		44 12.2	11100.0	1853	1853	20	20	11	0	0
	NCS00017				94 12.4							3.88	14.1
MANKATO	MN000129	MINNESOTA	CU		44 9.6	14900.0	2488	2488	60	60	330	0	0
	NCS00018				94 4.6							56.90	103.9
BLUE EARTH	MN000130	BLUE EARTH	CU		44 6.5	3550.0	1160	1160	215	215	1900	0	0
	NCS00019				94 2.4							84.80	151.9
RAPIDAN	MN000512	BLUE EARTH RIVER	CU	NORTHERN STAR	44 5.5	2430.0	826	826	52	70	4	0	0
	NCS00020				94 6.5							3.90	14.9

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CULVERT CONTROL, NAVIGATION, SWAMP SUPPLY, RECREATION,
DRAINAGE CONTROL, PUMP POND, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(4) - UNINSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION, D=DEBRIS CONTROL, P=PANH POND, O=OTHER
- (3) - ESTABLISHED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - UNINSTALLED CAPACITY AND ENERGY TESTOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I N N E S O T A

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION, DROUGHT CONTROL, FARM POND, OTHER
- (3) - ESTABLISHED CAPACITY AND ENERGY
- (4) - UNSTALLED CAPACITY AND ENERGY
- (5) - INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (6) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

TEGEND

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MINNESOTA

PROJECT NAME	IDENT * NUMBER * (1) *	NAME OF STREAM OR RIVER	PROJ * PUMP * (2) *	OWNER	LATITUDE * LONGITUDE * (DM,M) *	DRAINAGE AREA * (SQ MI) *	AVERAGE * ANNUAL * INFLOW * (CFS) *	NET * HEIGHT * OF * DAM * (FT) *	STORAGE * CAPACITY * (MG) *	ENERGY * (KWH) *
DEVIL NO 2	MNU0074 NCS0033	DEVIL TRACK	M		47 47.0 90 19.0	75.0	23.0	50.0	0.0	1.07E+02
MILE 5.1	MNU0075 NCS0034	DEVIL TRACK	M		47 48.5 90 19.2	65.0	17.0	50.0	1.0	0.0
MILE 2.7	MNU0076 NCS0035	CHROSS	M		47 33.5 90 54.8	65.0	34.0	25.0	0.0	0.0
TEMPERANCE	MNU0077 NCS0036	TEMPERANCE	M		47 35.2 90 53.5	175.0	53.0	25.0	0.0	0.0
BRULE NO 3	MNU0082 NCS-IFO	BRULE	M		47 52.7 90 4.2	235.0	60.0	230.0	10.0	0.0
BRULE NO 4	MNU0083 NCS-IFO	BRULE	M		47 51.8 90 3.7	240.0	62.0	320.0	6.0	0.0
BRULE NO 5	MNU0084 NCS-IFO	BRULE	M		47 49.7 90 3.0	245.0	63.0	270.0	5.0	0.0
MILE 3.6	MNU0085 NCS-IFO	CASCADE	M		47 43.2 90 32.0	60.0	57.0	663.0	35.0	0.0
MILE 1.8	MNU0086 NCS0037	CASCADE	M		47 44.1 90 32.0	94.0	43.0	60.0	1.0	0.0
LOWER POPLAR	MNU0087 NCS0038	POPLAR	M		47 39.8 90 43.2	90.0	17.0	150.0	1.0	0.0
UPPER POPLAR	MNU0088 NCS0039	POPLAR	M		47 58.7 90 43.0	100.0	20.0	60.0	0.0	0.0
HIGH FALLS	MNU0095 NCS-IFO	PIGEON	M		48 5 89 35.9	600.0	497.0	225.0	1.0	0.0

LEGEND

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(2) - PROJECT PURPOSE: I=IRRIGATION, M=HYDROELECTRIC, C=FLUOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY, N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY, T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MINNESOTA

PROJECT NAME	IDENT * NUMBER * (1)	NAME OF STREAM CH RIVER	PROJ * PURP * (2)	CANEN	*LATITUDE * *LONGITUDE * (DM,M)	*DRAINAGE * AREA * (SQ MI)	*AVERAGE * ANNUAL * INFLOW * (CFS)	*NET * POWER * (FT)	*HEIGHT * OF * DAM * (FT)	*STORAGE * CAPACITY * (MG)	*ENERGY * (KWH) * (3)
COUNTY NAME: COOK											
MILE 9.9	*MNU0096*	*PIGECN	*H		*48 46	*580.0	*480	*65	*15.0	*0.0	*0.0
	MNU0040				*89 42.6					*3.46	*14.3
PARTRIDGE	*MNU0097*	*PIGECN	*H		*47 59.7	*585.0	*488	*23	*23	*13.0	*0.0
	MNU0041				*89 50.8					*3.64	*17.3
SOUTH FOWL LAKE	*MNU0090*	*PIGECN	*D	*CANADA	*48 2.4	*470.0	*389	*9	*12	*31.0	*0.0
	MNU0042				*89 59.8					*3.38	*1.6
COUNTY NAME: COTTONWOOD											
WINDOM	*MNU0136*	*WEST FORK DESMOIS			*43 50.0	*1110.0	*227	*9	*0	*0.0	*0.0
	MNU0043				*95 5.0					*3.40	*.9
TALCOT LAKE	*MNU0161*	*DES MOINES RIVER			*43 53.1	*457.0	*13	*8	*11	*5.0	*0.0
	MNU0043				*95 26.2					*3.22	*.4
COUNTY NAME: CROW WING											
EAGLE LAKE	*MNU0048*	*DAGGETT BROOK		*STATE OF MN	*46 44.8	*85.0	*32	*4	*6	*7.0	*0.0
	MNU0044				*94 3.1					*3.08	*.2
ISLAND LAKE	*MNU0054*	*HUD BROOK		*STATE OF MN	*46 40.7	*81.0	*31	*4	*6	*5.0	*0.0
	MNU0045				*93 54.4					*3.08	*.2
PINE RIVER LAKE	*MNU0052*	*PINE RIVER		*DAEN NCS	*46 40.1	*562.0	*212	*11	*15	*194.0	*0.0
	MNU0046				*94 6.7					*3.47	*1.8
COUNTY NAME: DAKOTA											
LOCKS AND DAM NO. 2	*MNU0059*	*MISSISSIPPI		*DAEN NCS	*44 45.6	*37100.0	*10313	*11	*12	*240.0	*0.0
	MNU0040				*92 52.1					*31.95	*81.0

LEGEND

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(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=CONTROL, F=FLOOD CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,
D=DEBRIS CONTROL, P=PEAK POND, O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

[illegible]

LEGE ND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION,
DEBRIS CONTROL, PEPANN POND, COTHER
(3) - ESTIMATED CAPACITY AND ENERGY
(4) - UNINSTALLED CAPACITY AND ENERGY
(5) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(6) - UNINSTALLED CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I N N E S O T A

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	PROJ#	LATITUDE	DRAINAGE AREA	AVERAGE ANNUAL POWER	NET HEIGHT	MAXIMUM STORAGE	CAPACITY	ENERGY
	(1)	CR RIVER	PURP#	(DM,M)	(SQ MI)	(CFS)	(FT)	(1000	(MM)	(GWH)
			(2)					(AC FT)	(3)	(3)
COUNTY NAMES: ITASCA										
FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE										
BALL CLUB LAKE	MN00075	BALL CLUB RIVER	0	47 21.0	45.0	47.0	5.0	158.0	0.0	0.0
	NCS0056			93 54.3					.05	.1
POKEGAMA LAKE	MN00584	MISSISSIPPI	CR	47 15.1	3265.0	1105.0	8.0	130.0	0.0	0.0
	NCS0057			93 35.2					1.84	7.9
LAKE WINNIBIGOSHISH	MN00586	MISSISSIPPI	CR	47 25.8	1442.0	510.0	14.0	1072.0	0.0	0.0
	NCS0058			94 3.0					1.40	6.0
BLANDIN	MN00602	MISSISSIPPI	H	47 13.9	3370.0	1140.0	20.0	10.0	2.10	10.0
	NCS0059			93 31.8					2.26	6.1
PRAIRIE RIVER	MN00609	MAINE	H	47 17.2	446.0	293.0	35.0	16.0	1.08	3.4
	NCS-IFO			93 29.8					1.40	2.7
COUNTY NAMES: JACKSON										
FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE										
HERON LAKE-OUTLET	MN00115	HERON LAKE OUTLET	0	43 47.6	457.0	106.0	5.0	100.0	0.0	0.0
	NCS0060			95 17.5					.15	.3
COUNTY NAMES: KANABEC										
FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE										
KNIFE LAKE	MN00400	KNIFE RIVER	0	45 57.7	92.0	17.0	14.0	11.0	0.0	0.0
	NCS0061			93 18.8					.15	.3
COUNTY NAMES: KANDIYOH										
FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE										
CROW RIVER	MN00062	CROW RIVER	0	45 18.0	53.0	97.0	18.0	13.0	0.0	0.0
	NCS0062			94 56.9					.09	.2
KANDIYOH LAKE	MN00064	SCUTH FORK CR	0	45 5.5	97.0	20.0	7.0	47.0	0.0	0.0
	NCS0063	OW RIVER		94 54.8					.06	.1
L E G E N D										

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(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=SWATER SUPPLY, R=RECREATION,
O=DEBRIS CONTROL, P=PAW POND, D=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MINNESOTA

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	CR RIVER	PROJ#	PURP#	OWNER	LATITUDE	DRAINAGE	ANNUAL	AVERAGE	NET	HEIGHT	MAXIMUM	STORAGE	CAPACITY	ENERGY
	(1)				(2)		LONGITUDE	AREA	INFLOW	POWER <td>OF<td><td><td>(MM)<td>(GWH)<td></td></td></td></td></td></td>	OF <td><td><td>(MM)<td>(GWH)<td></td></td></td></td></td>	<td><td>(MM)<td>(GWH)<td></td></td></td></td>	<td>(MM)<td>(GWH)<td></td></td></td>	(MM) <td>(GWH)<td></td></td>	(GWH) <td></td>	
							(N, S, E, W)	(SQ MI)	(CFS)	(HP)	(FT)	(FT)	(AC FT)	(3)	(3)	(3)
COUNTY NAME: KANDIOWHI																
GREEN LAKE	MN00370	CROW RIVER		0			45 16.0	168.0	46.0	6.0	9.0	175.0	0.0	0.0	0.0	0.0
	NCS0084						94 52.0									.09N .2
COUNTY NAME: KITTSON																
BRONSON LAKE	MN00017	TWO RIVERS	80	BR	RS		48 43.4	444.0	71.0	27.0	36.0	6.0	0.0	0.0	0.0	0.0
	NCS0065	ANCH					96 38.0									.85N 1.0
COUNTY NAME: KOOCHICING																
BIG FALLS	MN00101	BIG FORK					48 11.6	1460.0	637.0	23.0	23.0	42.0	0.0	0.0	0.0	0.0
	NCS0086						93 48.4									3.14N 9.0
MILE 14.2	MN00102	BIG FORK					48 26.0	1785.0	779.0	25.0	25.0	6.0	0.0	0.0	0.0	0.0
	NCS0067						93 46.0									3.72N 11.5
MILE 32.2	MN00103	BIG FORK					48 24.7	1753.0	765.0	40.0	40.0	37.0	0.0	0.0	0.0	0.0
	NCS0088						93 48.4									3.30N 14.1
MILE 11.0	MN00104	LITTLE FORK					48 27.5	1720.0	1030.0	20.0	20.0	16.0	0.0	0.0	0.0	0.0
	NCS0069						93 36.5									3.86N 10.5
MILE 31.1	MN00105	LITTLE FORK					48 21.3	1580.0	886.0	28.0	28.0	37.0	0.0	0.0	0.0	0.0
	NCS0070						93 29.7									4.35N 12.9
MILE 61.9	MN00106	LITTLE FORK					48 10.7	1270.0	712.0	37.0	37.0	35.0	0.0	0.0	0.0	0.0
	NCS0071						93 29.0									3.36N 11.9
MILE 89.8	MN00107	LITTLE FORK					48 08.8	1156.0	648.0	38.0	38.0	22.0	0.0	0.0	0.0	0.0
	NCS0072						93 15.0									3.28N 11.4
MILE 110.9	MN00108	LITTLE FORK					47 53.5	953.0	534.0	55.0	55.0	125.0	0.0	0.0	0.0	0.0
	NCS0073						93 2.5									3.58N 12.9

LEGEND

LEGEND

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- (2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CREEK CONTROL, NAVIGATION, WATER SUPPLY, RECREATION, DEERHORN CONTROL, PEPHON POND, OTHER
- (3) - ESTIMATED CAPACITY AND ENERGY: NAMED INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - UNINSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MINNESOTA

PROJECT NAME	IDENT	NAME OF STREAM	PROJ	AVERAGE	NET	HEIGHT	MAXIMUM	STORAGE	CAPACITY	ENERGY
	NUMBER	CR RIVER	PURP	ANNUAL	POWER	OF	OF	OF	(MM)	(GWH)
	(1)		(2)	INFLW	MEAN	DAM	(1000	(MM)	(3)	(3)
				(CFS)	(FT)	(FT)	AC FT)			
COUNTY NAME: KOCHICHI										
RAINY LAKE	MN00653	RAINY RIVER	MN	PAPE	48 36.4	25	34	4000	0	0
	NCS0074		R COMPANY		93 24.1				47.07	183.9
COUNTY NAME: LAC QUI PARLE										
MARSH LAKE	MN00579	MINNESOTA	C	DAEN NCS	45 10.3	13	17	121	0	0
	NCS0075				96 5.6				49	1.7
LAC QUI PARLE	MN00580	MINNESOTA	CR	DAEN NCS	45 1.3	18	24	123	0	0
	NCS0076				95 52.0				2.28	4.5
HIGHWAY 75 DAM	MN00581	MINNESOTA RIVER	CR	DAEN NCS	45 14.9	16	22	123	0	0
LAKE	NCS0077				96 17.5				53	1.3
COUNTY NAME: LAKE										
MILE 4.4	MN00078	MANITOU	M		47 28.8	19	60	0	0	0
	NCS0078				91 5.9				1.53	2.8
MILE 0.5	MN00079	MANITOU	M		47 26.4	21	110	11	0	0
	NCS0079				91 4.0				2.63	5.3
MILE 1	MN00080	HEAVER HAY	M		47 16.0	163	20	1	0	0
	NCS0080				91 17.9				88	1.7
GOOSEBERRY	MN00081	GOOSEBERRY	M		47 8.8	12	15	0	0	0
	NCS0081				91 28.2				41	0.8
BAPTIST	MN00089	BAPTIST	M		47 21.7	151	598	1	0	0
	NCS-IF0				91 13.0				34.35	58.5
MCDUGAL LAKE	MN00087	STONY RIVER	0	STATE OF MN	47 38.4	26	8	4	0	0
	NCS0082				91 33.7				09	2

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
DEBRIS CONTROL, FARM POND, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY: INSTALLED POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - UNINSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MINNESOTA

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	PROJ. NUMBER	OWNER	LATITUDE (DM-M)	LONGITUDE (DM-M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLUN (CFS)	NET HEAD (FT)	CF STORAGE (1000 AC FT)	CAPACITY (MW)	ENERGY (GWH)
WILSON LAKE	MN000088 NCS00083	WILSON CREEK	R		47 39.7	91 2.0	33.0	13.0	9.0	10.0E	0.0E	0.0
WINTON	MN000607 NCS-IFO	KAWISHIWI	M	MINN PAR + L	47 57.0	91 45.8	1200.0	936.0	21.0	12.0E	4.00E	21.7
PRAIRIE PORTAGE	MN000646 NCS00084	RAINY RIVER	RNC	USDA FS	48 3.0	91 26.3	140.0	87.0	10.0	8.0E	0.0E	0.0
GABRO LAKE	MN000647 NCS00085	ISABELLA RIVER	MHC	USDA FS	47 51.0	91 37.7	321.0	284.0	6.0	10.0E	0.0E	0.0
BIRCH LAKE	MN000654 NCS00086	BIRCH RIVER	RS	MINN POWER AND LIGHT	47 48.9	91 47.0	467.0	372.0	6.0	7.0E	0.0E	0.0
KAWISHIWI RIVER	MN000655 NCS-IFO	KAWISHIWI RIVER	M	MINN POWER AND LIGHT	47 56.0	91 45.8	1200.0	936.0	67.0	14.0E	0.0E	0.0
COUNTY NAME: LE SUKUN												
TETONKA	MN001506 NCS00087	SIG CANNON RIVER	0	STATE OF MN	44 13.4	93 34.3	110.0	55.0	6.0	76.0E	0.0E	0.0
COUNTY NAME: MARSHALL												
THIEF LAKE	MN00216 NCS00088	THIEF RIVER	M		48 29.2	94 49.1	61.0	8.0	12.0	64.0E	0.0E	0.0
POOL TWENTY ONE	MN000625 NCS00089	MUD RIVER	0	001 BGF	48 22.2	95 53.3	159.0	22.0	6.0	5.0E	0.0E	0.0
POOL TWENTY FIVE	MN000629 NCS00090	HESTER CREEK	0	001 HSF	48 22.2	95 56.6	171.0	24.0	5.0	7.0E	0.0E	0.0
LEGEND												

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, SEWAGE SUPPLY, RECREATION, DEBRIS CONTROL, PEARL POND, OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY NEM=INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MINNESOTA

PROJECT NAME	IDENT * NUMBER * (1) *	NAME OF STREAM CH RIVER	PURP * (2) *	OWNER	LATITUDE * LONGITUDE * (DM,M) *	DRAINAGE * AREA * (SQ MI) *	AVERAGE * ANNUAL * INFLOW * (CFS) *	NET * HEIGHT * MAXIMUM * OF * DAM * (FT) *	STORAGE * CAPACITY * (MH) * (GHP) * (3) *
COUNTY NAME: MARSHALL									
FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE									
POOL TWENTY SEVEN	MN00630	THIEF RIVER	0	DUI BSM	48 18.8	165.0	23.0	12.0	94.0E 0.0E 0.0
	NC50091				96.0				.230N .0
POOL ELEVEN	MN00637	TR-THIEF RIVER	0	DUI BSM	48 18.2	171.0	24.0	6.0	15.0E 0.0E 0.0
	NC50092				96 3.3				.120N .02
POOL TEN	MN00638	THIEF RIVER	0	DUI BSM	48 18.6	171.0	24.0	7.0	10.0E 0.0E 0.0
	NC50093				96 3.5				.130N .03
POOL THREE	MN00640	THIEF RIVER-OFFS	0	DUI BSM	48 22.2	95.0	13.0	7.0	12.0E 0.0E 0.0
	NC50094	TREAN			96.0				.050N .01
POOL ONE	MN00641	THIEF RIVER-OFFS	0	DUI BSM	48 23.9	90.0	12.0	8.0	9.0E 0.0E 0.0
	NC50095	TREAN			95 59.8				.060N .01
COUNTY NAME: MARTIN									
FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE									
GEORGE LAKE	MN00102	CENTER CREEK	0	CITY OF FAIR	43 39.7	105.0	9.0	10.0	6.0E 0.0E 0.0
	NC50096			SHUNT	94 28.5				.140N .02
COUNTY NAME: MCLEOD									
FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE									
SOUTH FORK CROW RIVER	MN00156	SOUTH FORK CROW	0		44 53.7	224.0	13.0	8.0	3.0E 0.0E 0.0
	NC50097	RIVER			94 22.1				.160N .04
COUNTY NAME: MELLELAGS									
FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE									
DNAMIA LAKE	MN00252	RUN RIVER	0	DNR	46 4.1	430.0	178.0	6.0	17.0E 0.0E 0.0
	NC50098				93 40.8				.240N .05
L E G E N D									

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES I=IRRIGATION, H=HYDROELECTRIC, C=FLOW CONTROL, N=NAVIGATION, S=SWATER SUPPLY, R=RECREATION,
O=DEBRIS CONTROL, P=FAH POND, Q=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MINNESOTA

PROJECT NAME	IDENT	NAME OF STREAM	PROJ#	CRIVER	PURP#	QNAER	LATITUDE	LONGITUDE	AREA	ANNUAL	NET	HEIGHT	MAXIMUM	CAPACITY	ENERGY
	(1)				(2)		(DM,M)	(SG,FT)	(CFS)	(FT)	(FT)	(AC,FT)	(MW)	(GHP)	(3)
COUNTY NAME: MORRISON															
TOPEKA ISLAND	HN00118	MISSISSIPPI					46 5.1	9910.0	3706.	20.	3.0	0.	0.	0.	0.
	NC30099						94 20.0							17.74	64.3
CROW WING RIVER	HN00608	CROW WING RIVER					46 18.9	3154.0	1483.	22.	30.	6.0	1.52	9.3	9.3
	NC3-1FO						94 29.1							1.82	2.5
COUNTY NAME: OTTER TAIL															
PRAIRIE LAKE	HN00192	PELICAN RIVER					46 35.3	200.0	63.	7.	10.	16.0	0.	0.	0.
	NC30101						96 4.3							0.08	0.2
LIZZIE LAKE	HN00193	PELICAN RIVER					46 36.7	167.0	52.	6.	6.	23.0	0.	0.	0.
	NC30102						96 1.9							0.05	0.1
MOOT LAKE	HN00194	OTTER TAIL RIVER					46 17.5	615.0	434.	52.	70.	3.0	1.00	2.5	2.5
	NC30103						96 2.6							0.22	1.2
DAYTON HOLLOW	HN00196	OTTER TAIL RIVER					46 13.8	1820.0	543.	26.	35.	4.0	0.	0.	0.
	NC3-1FO						96 7.0							1.50	5.3
OTTER TAIL RIVER	HN00199	OTTER TAIL RIVER					46 22.9	400.0	58.	15.	20.	2.0	0.	0.	0.
	NC30104						96 2.4							0.24	0.7
OTTER TAIL LAKE	HN00209	OTTER TAIL RIVER					46 21.6	550.0	108.	6.	8.	557.0	0.	0.	0.
	NC30105						95 44.0							0.13	0.4
RUSH LAKE	HN00211	OTTER TAIL RIVER					46 28.5	402.0	79.	6.	8.	72.0	0.	0.	0.
	NC30106						95 35.4							0.09	0.3
PINE LAKE BIG	HN00212	OTTER TAIL RIVER					46 35.5	330.0	65.	4.	6.	92.0	0.	0.	0.
	NC30107						95 30.3							0.06	0.2
ORWELL LAKE	HN00574	OTTER TAIL RIVER					46 13.0	1830.0	263.	36.	49.	28.0	0.	0.	0.
	NC30108						96 10.8							2.04	7.4

LEGEND

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
ORDERED CONTROL, PEARL POND, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY: INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - UNINSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MINNESOTA

PROJECT NAME	ID	NAME OF STREAM	PROJ#	CRIVER	PUMP	OWNER	LATITUDE	DRAINAGE	AVERAGE	NET	HEIGHT	MAXIMUM	STORAGE	CAPACITY	ENERGY
	(1)				(2)		(DM.M)	(SQ MI)	(CFS)	(FT)	(FT)	(1000)	(MM)	(3)	(3)
COUNTY NAME: PINE															
KETTLE R RAPIDS	NNU0134	KETTLE					46 8.7	4180.0	2985	76	78	331	0	0	0
	NCS0109						92 51.6						95.86	172.7	
CROSS LAKE	NNU0500	SNAKE RIVER				STATE OF MN	45 50.4	938.0	569	7	10	15	0	0	0
	NCS0110						92 56.3						50	3.7	
COUNTY NAME: POLK															
MILE 12.0	NNU0068	RED LAKE					47 45.8	5270.0	1002	19	18	17	0	0	0
	NCS0152						96 30.1						3.84	11.8	
CORPS HUOT	NNU0072	RED LAKE					47 49.4	5260.0	997	100	100	240	0	0	0
	NCS0153						96 28.0						33.81	74.1	
COUNTY NAME: RED LAKE															
MILE 25.7	NNU0069	RED LAKE					47 52.0	5245.0	994	42	42	30	0	0	0
	NCS0154						96 25.6						5.01	22.6	
MILE 45.6	NNU0070	RED LAKE					47 53.6	5075.0	962	30	30	1	0	0	0
	NCS0155						96 13.1						3.80	16.3	
MILE 50.9	NNU0071	RED LAKE					47 54.8	5070.0	961	20	20	1	0	0	0
	NCS0156						96 11.5						3.94	12.5	
COUNTY NAME: REDWOOD															
DELHI A	NNU0124	MINNESOTA					44 39.6	7800.0	799	35	35	43	0	0	0
	NCS0157						95 14.2						3.83	12.0	
DELHI B	NNU0125	MINNESOTA					44 37.2	7816.0	801	85	85	400	0	0	0
	NCS0158						95 9.8						25.11	43.9	

LEGEND
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(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, C&G, CONTROL, NAVIGATION, SANITARY SUPPLY, RECREATION,
(2) DEBRIS CONTROL, P&F, POND, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY NAME INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I N N E S O T A

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ. PURP. (2)	DOWNER	*LATITUDE* (DM.M)	*LONGITUDE* (DM.M)	*DRAINAGE AREA* (SQ MI)	*AVERAGE ANNUAL INFLUEN. (CFS)	*NET POWER OF HEAD* (FT)	*MAXIMUM STORAGE CAPACITY* (MH)	*ENERGY* (3)
COUNTY NAME: RICE											
CANNON RIVER	*MNO0353	CANNON RIVER	*R	*FAIRBULT CITY	44 17.5	93 17.7	340.0	48.0	10.0	13.0	5.0E 0.0E 0.0E
	*NCS0111										
COUNTY NAME: SHERBURNE											
ELK RIVER	*MNO0516	ELK RIVER	*H	*ELK RIVER MUN.	45 18.2	93 35.1	610.0	248.0	11.0	15.0	3.0E 0.0E 0.0E
	*NCS0112			*N UTIL							
COUNTY NAME: ST LOUIS											
GRAND RAPIDS	*MNU0073	ST LOUIS	*H		46 39.1	92 21.1	3565.0	2324.0	66.0	66.0	0.0E 0.0E 0.0E
	*NCS-IF0										
MILE 9.8	*MNU0090	ST LOUIS	*H		46 48.2	92 29.1	3170.0	2087.0	21.0	21.0	0.0E 0.0E 0.0E
	*NCS0113										
MILE 52.4	*MNU0091	ST LOUIS	*H		47 4.1	92 46.6	1200.0	782.0	26.0	26.0	0.0E 0.0E 0.0E
	*NCS0114										
MILE 78.5	*MNU0092	ST LOUIS	*H		47 18.5	93 29.1	881.0	689.0	38.0	38.0	0.0E 0.0E 0.0E
	*NCS0115										
MILE 123.9	*MNU0093	ST LOUIS	*H		47 29.5	92 15.7	320.0	244.0	30.0	30.0	0.0E 0.0E 0.0E
	*NCS0116										
MILE 100	*MNU0094	ST LOUIS	*H		47 22.2	92 28.0	500.0	391.0	30.0	30.0	0.0E 0.0E 0.0E
	*NCS0117										
MILE 69.9	*MNU0096	CLJQUET	*H		46 51.6	92 34.5	742.0	126.0	50.0	50.0	0.0E 0.0E 0.0E
	*NCS0118										
MILE 61.5	*MNU0099	CLJQUET	*H		46 57.0	92 28.6	698.0	120.0	45.0	45.0	0.0E 0.0E 0.0E
	*NCS0119										

L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSE: INVESTIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, SEWER SUPPLY, RECREATION,
(2) - DRAINAGE CONTROL, PEPAR POND, OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=UNDEVELOPED SITES TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MINNESOTA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ. PURP. (2)	OWNER	LATITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER OF DAM (FT)	STORAGE CAPACITY (MM)	ENERGY (GWH) (3)
COUNTY NAME: ST LOUIS										
MILE 32.4	MMU0100	CLOQUET			47 1.7	438.0	75.0	35.0	4.0	0.0
	NC50138				92 5.3				2.0	7.4
CHAIN LAKES	MMU0109	VERMILION			48 3.6	610.0	378.0	90.0	131.0	0.0
	NC50139				92 28.6				4.9	21.2
RICE BEDS	MMU0110	VERMILION			48 15.5	910.0	563.0	33.0	44.0	0.0
	NC50140				92 34.5				3.6	12.7
CRANE LAKE	MMU0111	VERMILION			48 16.4	927.0	574.0	55.0	3.0	0.0
	NC50141				92 30.8				4.4	19.4
WOLF LAKE	MMU0003	OLF CREEK		STATE OF MN	47 17.6	45.0	29.0	8.0	4.0	0.0
	NC50120				91 56.1				.15	.3
ELY LAKE	MMU0005	TR-ST LOUIS RIVER		STATE OF MN	47 26.6	224.0	38.0	5.0	61.0	0.0
	NC50121				92 28.4				.27	.5
PIKE RIVER	MMU0092	PIKE RIVER		CITY OF TOR	47 47.5	130.0	85.0	16.0	3.0	0.0
	NC50122			R	92 22.1				.52	.9
KETTLE FALLS	MMU0093	TR-RAINY RIVER		MN AND ONTAR	48 30.0	13993.0	8656.0	15.0	703.0	0.0
	NC50123			IO POWER CO.	92 38.5				27.8	101.6
ST LOUIS RIVER	MMU0094	ST LOUIS RIVER		OGLEBAY NORT	47 22.2	713.0	578.0	14.0	2.0	0.0
	NC50124			ON COMPANY	92 34.1				1.73	4.7
STURGEON LAKE	MMU0095	STURGEON RIVER		STATE OF MN	47 39.6	95.0	59.0	6.0	76.0	0.0
	NC50125				93 1.0				.13	.2
PELICAN LAKE	MMU0097	PELICAN RIVER		STATE OF MN	48 2.0	59.0	14.0	7.0	241.0	0.0
	NC50126				92 49.9				.10	.2
WYNNE LAKE	MMU0098	WYNNE RIVER		STATE OF MN	47 32.3	98.0	38.0	9.0	8.0	0.0
	NC50127				92 18.6				.22	.4

LEGEND

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(2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOW CONTROL, N=NAVIGATION, S=SWATER SUPPLY, R=RECREATION,
O=OTHER IS CONTROL, P=PAH POND, D=OTHER
(3) - EXISTING CAPACITY AND ENERGY N=NET INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - EXISTING CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PROJECT NAME	IDNT #	NAME OF STREAM	PROJ#	LONGITUDE	DRAINAGE	AVERAGE	NET	WEIGHT	MAXIMUM	CAPACITY	ENERGY
	NUMBER	OR RIVER	PUMP	(D.M.)	AREA	ANNUAL	POWER	OF	STORAGE	(MU)	(GWH)
	(1)		(2)		(SQ MI)	INFLOW	HEAD	DAM	(1000		(3)
						(CFS)	(FT)	(FT)	AC FT)		
COUNTY NAME: ST LOUIS											
ESQUAGAMA LAKE	MN00099	ESPRARRASS RIVER	0	47 27.3	147.0	31.0	6.0	8.0	18.0	0.0	0.0
	NC00120			92 23.0						.230	.0
BEAR ISLAND	MN00369	TR-BEAR ISLAND R		47 47.4	46.0	28.0	5.0	6.0	91.0	0.0	0.0
	NC00129	RIVER		91 55.4						.050	.1
WHITEFACE LAKE	MN00610	SKUNK + WHITEFACE	0	47 16.8	116.0	71.0	27.0	36.0	110.0	0.0	0.0
	NC00130	E RIVER	ST CU	92 11.5						.760	1.4
BOULDER LAKE	MN00611	NOTTER	0	47 3.1	33.0	6.0	15.0	20.0	43.0	0.0	0.0
	NC00131		ST CU	92 12.0						.070	.3
ISLAND LAKE	MN00612	CLOQUET	0	46 59.5	320.0	54.0	33.0	45.0	196.0	0.0	0.0
	NC00132		ST CU	92 13.5						2.320	5.0
FISH LAKE	MN00614	REAVER	0	46 57.4	73.0	18.0	15.0	20.0	49.0	0.0	0.0
	NC00133		ST CU	92 16.7						.200	1.1
COUNTY NAME: STARKS											
HAILEY STATION	MN00112	MISSISSIPPI	0	45 19.6	13755.0	3624.0	29.0	29.0	23.0	0.0	0.0
	NC00100			93 49.3						39.230	105.1
JOHNSON CREEK	MN00116	MISSISSIPPI	0	45 28.0	12450.0	4655.0	20.0	20.0	6.0	0.0	0.0
	NC00134			94 6.0						20.710	63.2
SAVAK RAPIDS	MN00117	MISSISSIPPI	0	45 35.5	12400.0	4637.0	15.0	15.0	0.0	0.0	0.0
	NC00135			94 10.5						16.200	49.0
CLEARWATER	MN00121	MISSISSIPPI	0	45 25.7	13465.0	4835.0	29.0	29.0	53.0	0.0	0.0
	NC00100			94 2.5						36.410	102.9
SARTELL	MN00505	MISSISSIPPI	0	45 37.2	12450.0	4716.0	22.0	30.0	1.0	3.170	10.0
	NC00136		ST. REGIS PA	94 12.2						19.150	59.6
			PER CU.								

(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.

(2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION, ORDERED CONTROL, PUMP AND OTHER

(3) - ESTIMATED CAPACITY AND ENERGY

(4) - UNINSTALLED CAPACITY AND ENERGY (FOR EXISTING DAMS)

(5) - UNINSTALLED CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I N N E S O T A

PROJECT NAME	IDENT * NUMBER	NAME OF STREAM CR RIVER	PROJ * PURP	OWNER	*LATITUDE *LONGITUDE	*DRAINAGE AREA	*ANNUAL INFLU	*NET HEIGHT OF DAM	*STORAGE CAPACITY	*ENERGY (MWH)	* (3) (3)
COUNTY NAME: STEARNS	(1)		(2)		(DM) * (NM) *	(SQ MI) * (CFS) *	(FT) * (AC FT) *	(FT) * (3) *	(3) * (3) *		
SAUK RIVER	*N00560	*SAUK RIVER	*M	*CITY OF SAUK	*45 44.4	*307.0	*144.0	*0.0	*20.0	*0.0	*0.0
	*NCS0137			*CENTER	*94 57.1					*.20	*.5
COUNTY NAME: TRAVERSE											
BRONKS VALLEY DIKE	*N00575	*LITTLE MINNESOTA	*C	*DAEN NCS	*45 36.8	*447.0	*46.0	*0.0	*209.0	*0.0	*0.0
	*NCS0142				*96 51.0					*.09	*.1
LAKE TRAVERSE	*N00576	*BOIS DE SIOUX	*C	*DAEN NCS	*45 45.9	*1120.0	*81.0	*7.0	*209.0	*0.0	*0.0
	*NCS0143				*96 38.4					*.18	*.2
MUD LAKE	*N00577	*BOIS DE SIOUX	*C	*DAEN NCS	*45 51.7	*1135.0	*82.0	*14.0	*140.0	*0.0	*0.0
	*NCS0144				*96 34.3					*.32	*.4
COUNTY NAME: WABASHA											
ZUMBRO LAKE	*N00358	*ZUMBRO RIVER	*M	*MUSCHESTER CI	*44 12.8	*849.0	*301.0	*41.0	*35.0	*1.44	*6.0
	*NCS-IFO			*TY	*92 28.7					*.92	*2.4
COUNTY NAME: WINGONA											
LOCK & DAM NO 5A	*N00548	*MISSISSIPPI	*N	*DAEN NCS	*44 5.3	*59190.0	*25236.0	*4.0	*40.0	*0.0	*0.0
	*NCS-IFO				*91 40.2					*19.22	*70.7
COUNTY NAME: WRIGHT											
MALEYS RAPID	*N00114	*MISSISSIPPI	*M		*45 15.3	*14500.0	*5422.0	*15.0	*3.0	*0.0	*0.0
	*NCS0145				*93 32.2					*21.39	*57.3
SPRING RAPID	*N00115	*MISSISSIPPI	*M		*45 18.0	*13760.0	*5149.0	*30.0	*3.0	*0.0	*0.0
	*NCS0146				*93 40.4					*40.60	*108.8

L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
(2) - DEGRADATION CONTROL, PESTICIDE CONTROL, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

POTENTIAL HYDROPOWER SITES
IN THE STATE OF MINNESOTA

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(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, C&FOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
(3) - DESIGN CONTROL, F&FARM POND, OTHER
(4) - ESTABLISHED CAPACITY AND ENERGY NEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(5) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

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STATE OF MISSOURI


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* * *
L E G E N D
* * *
COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT
COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING DAMS
COLUMN 3 = UNDEVELOPED POTENTIAL
        COLUMN 9 = TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS 2 AND 3)
          CAPACITY = SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT)
            ENERGY = SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIJAGWATTHOUR)
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(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I S S O U R I

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ. PURP. (1)	OWNER	LATITUDE (DM.M)	LONGITUDE (SU MI)	AVERAGE ANNUAL INFLW (CFS)	NET POWER OF HEAD (FT)	MAXIMUM STORAGE (1000 (MW))	CAPACITY ENERGY (3) (3)
COUNTY NAME: ANDREW										
FERC POWER SUPPLY AREA 17 FERC REGIONAL OFFICE CODE CH										
AVENUE CITY DAMS	MOU0158	102 RIVER			39 52.1	737.0	325.	60.	550.	0. 0.
ITE	MRK0056				94 44.9					3.53 7.5
COSBY DAMSITE	MOU0168	PLATTE RIVER			39 52.0	678.0	300.	55.	508.	0. 0.
	MRK0057				94 41.6					3.25 6.5
NEW POINT RES	MOU0183	MCDAWY RIVER			40 4.0	773.0	313.	43.	515.	0. 0.
	MRK0058				95 3.7					2.28 5.3
COUNTY NAME: BARRY										
FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE FM										
FLAT CREEK	MOU0153	FLAT CREEK			36 46.0	290.0	324.	110.	0.	0. 0.
	SWL0105				93 34.0					4.38 13.8
COUNTY NAME: BATES										
FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE CH										
BUTLER RES	MOU0163	MIAMI CREEK			38 15.6	118.0	87.	33.	78.	0. 0.
	MRK0059				94 24.6					3.77 1.2
COUNTY NAME: BENTON										
FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE CH										
HARRY S. TRUMAN DAM	MOU0137	OSAGE RIVER		DAEN HRK	38 15.9	11500.0	5313.	89.	121.	160.00 282.0
	MRK0060				93 23.9					96.08 141.0
COUNTY NAME: BOLLINGER										
FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FM										
MO NNAME 90098	MOU0098	CASTOR RIVER			37 14.2	249.0	302.	90.	100.	0. 0.
	LM30033				90 12.2					2.64 10.2
MO NNAME 90101	MOU0101	CASTOR RIVER			37 9.4	376.0	456.	110.	120.	0. 0.
	LM50034				90 9.3					4.33 17.8
L E G E N D										

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
D=DEBRIS CONTROL, P=PEAK FLOOD, O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/03/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MISSOURI

PROJECT NAME	NUMBER	NAME OF STREAM	PROJ. NUMBER	OWNER	LONGITUDE	DRAINAGE AREA	ANNUAL FLOW	AVERAGE	NET HEIGHT	MAXIMUM	STORAGE	CAPACITY	ENERGY
	(1)	CR RIVER	(2)		(DM.M)	(SQ MI)	(CFS)	(FT)	(FT)	(AC FT)	(3)	(3)	(GWH)
COUNTY NAME: BUTLER													
FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FM													
POPLAR BLUFF	MO00106	BLACK RIVER			36 49.0	1202.0	1199.0	67.0	67.0	0.0	0.0	0.0	0.0
	SL0106				90 25.0							23.02	53.1
HARVEILL	MO00108	CANE CREEK	C		36 38.0	182.0	323.0	41.0	55.0	111.0	0.0	0.0	0.0
	SL0107				90 30.0							2.23	5.9
COUNTY NAME: CALDWELL													
FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH													
BRAYMER DAMSITE	MO00161	SHOAL CREEK			39 40.3	390.0	251.0	59.0	80.0	574.0	0.0	0.0	0.0
	MR0061				93 45.9							2.79	4.5
COUNTY NAME: CAMDEN													
FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE CH													
NIANGUA DAM	MO00205	NIANGUA RIVER	H	SHO ME POWER	37 56.3	627.0	627.0	30.0	41.0	600.0	3.00	13.0	0.0
	MR0063			CORP	92 51.1							0.0	0.0
COUNTY NAME: CAPE GIRARDEAU													
FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH													
MO NNAME 90095	MO00095	APPLE CREEK			37 34.2	191.0	236.0	100.0	120.0	0.0	0.0	0.0	0.0
	LM0035				89 33.0							5.07	11.3
MO NNAME 90106	MO00106	WHITEWATER RIVER			37 19.5	269.0	326.0	70.0	80.0	0.0	0.0	0.0	0.0
	LM0036				89 47.2							3.03	9.5
COUNTY NAME: CARTER													
FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE FM													
CARTER CREEK	MO00143	CURRENT RIVER			36 58.5	1670.0	1886.0	95.0	95.0	0.0	0.0	0.0	0.0
	SL0108				90 59.4							40.50	115.6
L E G E N D													

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CEFLOU CONTROL, NAVIGATION, SEWAGE SUPPLY, RECREATION,
DEBRIS CONTROL, P-FARM POND, OTHER
(3) - E-INSTALLED CAPACITY AND ENERGY NEM-INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U-INSTALLED CAPACITY AND ENERGY T-TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

POTENTIAL HYDROPOWER SITES
IN THE STATE OF MISSOURI

PROJECT NAME	IDNT	NAME OF STREAM	PROJ	PLATITUDE	DRAINAGE	AVERAGE	NET	HEIGHT	MAXIMUM	CAPACITY	ENERGY
(1)	(2)	CR RIVER	PURP	(LONGITUDE)	AREA	ANNUAL	POWER	OF	STORAGE	(MW)	(WH)
				(DM,M)	(SU MI)	INFLU	HEAD	DAM	(1000		(3)
						(CFS)	(FT)	(FT)	AC FT)		(3)
COUNTY NAME: CASS					FERC POWER SUPPLY AREA 34	FERC REGIONAL OFFICE CODE CH					
FREEMAN RES	M000172	SOUTH GRAND RIVER		38 39.8	90.0	66.	43.	58.	89.0	0.	0.
	M000064			94 31.5						.85	1.3
LAKE WINNEBAGO	M020312	MIDDLE BIG CREEK		38 49.2	30.0	20.	31.	40.	3.8	0.	0.
	M000065			94 21.4						.22	.3
COUNTY NAME: CEDAR					FERC POWER SUPPLY AREA 34	FERC REGIONAL OFFICE CODE CH					
MACKLEMAN CORNER RES	M000174	CEDAR CREEK		37 51.4	415.0	290.	61.	82.	220.0	0.	0.
	M000066			93 51.8						2.92	6.5
STOCKTON LAKE	M030200	SAC RIVER	CH	37 41.5	1160.0	757.	91.	123.	1674.	45.20	55.0
	M000067			93 45.5						0.	0.
COUNTY NAME: CHRISTIAN					FERC POWER SUPPLY AREA 34	FERC REGIONAL OFFICE CODE CH					
FINLEY CREEK	M000197	FINLEY CREEK	CR	37 3.0	163.0	145.	78.	105.	109.0	0.	0.
	M000109			93 9.5						2.27	5.0
COUNTY NAME: CLAY					FERC POWER SUPPLY AREA 15	FERC REGIONAL OFFICE CODE CH					
SMITHVILLE DAM	M000139	LITTLE PLATTE RIVER	CSU	39 23.5	213.0	151.	52.	71.	429.0	0.	0.
	M000068	EVER		94 33.7						1.96	3.5
COUNTY NAME: COLE					FERC POWER SUPPLY AREA 15	FERC REGIONAL OFFICE CODE CH					
LOCK NO. 2	M000130	OSAGE RIVER	HC	38 27.0	15000.0	10150.	31.	31.	0.0	0.	0.
	M000069			92 10.0						103.93	206.9

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- (3) - ESTABLISHED CAPACITY AND ENERGY NEM= INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FROM UNDEVELOPED SITES)

(1) = TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) = PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=CELUOD CONTROL, N=NAVIGATION, S=SEAWATER SUPPLY, R=RECREATION,
(3) = ORDERING CONTROL, P=PAH POND, O=OTHER
(4) = E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(5) = UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MISSOURI

PROJECT NAME	IDENT	NAME OF STREAM	PROJ#	CR RIVER	PURP#	OMNR	*LATITUDE*	*LONGITUDE*	*DRAINAGE*	*AVERAGE*	*NET HEIGHT*	*ANNUAL POWER*	*OF*	*STORAGE*	*CAPACITY*	*ENERGY*
	(1)				(2)		(DM.)	(90 MI)	(SQ MI)	(CFS)	(FT)	(AC FT)	(MM)	(1000)	(GWH)	(3)
COUNTY NAME: DE KALB																
CLARKSDALE DAMS	*MOU0165*	*THIRD FORK					*39 49.4*		*94.0*	*42*	*33*		*45*	*70.0*	*0*	*0*
TE	*MRK0071*						*94 36.3*								*.60*	*.6*
COUNTY NAME: DE WITT																
MO NOME 90069	*MOU0069*	*HERAPEC RIVER					*37 42.6*		*134.0*	*101*	*90*	*100*		*0.0*	*0*	*0*
	LMS0043						*91 26.9*								*1.77*	*5.0*
COUNTY NAME: FRANKLIN																
MO NOME 90055	*MOU0055*	*BOURBUSE RIVER					*38 27.6*		*2716.0*	*2151*	*30*	*40*		*0.0*	*0*	*0*
	LMS0044						*90 46.7*								*5.99*	*28.2*
MO NOME 90058	*MOU0058*	*HERAPEC RIVER					*38 16.9*		*1557.0*	*1233*	*70*	*80*		*0.0*	*0*	*0*
	LMS0045						*90 57.9*								*22.40*	*50.6*
MO NOME 90059	*MOU0059*	*INDIAN CREEK					*38 15.2*		*153.0*	*115*	*110*	*120*		*0.0*	*0*	*0*
	LMS0046						*90 56.7*								*2.36*	*6.9*
COUNTY NAME: GREENE																
KINSEY BRIDGE	*MOU0199*	*JAMES RIVER					*37 7.5*		*245.0*	*235*	*81*	*110*		*100.0*	*0*	*0*
	SWL0111						*93 13.0*								*3.36*	*9.7*
LAKE SPRINGFIELD	*MO20023*	*JAMES RIVER					*CITY OF SPRINGFIELD		*270.0*	*259*	*21*	*25*		*2*	*0*	*0*
	SWL0112						*ANGFIELD								*1.28*	*3.0*
FELLOWS LAKE	*MO20036*	*LITTLE SAC RIVER					*CITY OF SPRINGFIELD		*203.0*	*18*	*81*	*95*		*20*	*0*	*0*
	MRK0072						*ANGFIELD								*2.72*	*6.8*
MCDANIEL LAKE	*MO20038*	*LITTLE SAC RIVER					*CITY OF SPRINGFIELD		*16.0*	*14*	*34*	*44*		*4*	*0*	*0*
	MRK0073						*ANGFIELD								*.12*	*.1*

LEGEND

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(2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,
D=DEBRIS CONTROL, P=PAVING, F=FIELD, O=OTHER
(3) - ESTIMATED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I S S O U R I

PROJECT NAME	ID	NAME OF STREAM	PROJ. NUMBER	CR RIVER	PURP. (2)	OWNER	LATITUDE (DM,N)	LONGITUDE (DM,W)	AREA (80 MI)	ANNUAL INFLOW (CFS)	NET HEIGHT OF DAM (FT)	STORAGE CAPACITY (MM)	ENERGY (3)
COUNTY NAME: GRUNDY													
TRENTON DANCE	MO0190	THOMPSON RIVER					40 7.5	1079.0	925	68	92	1675	0.0
	MRK0074						93 41.1					5.41	13.0
COUNTY NAME: HENRY													
MONTROSE LAKE	MO2015	DEEPAATEN CREEK				KANSAS CITY	38 18.4	67.0	49	36	45	21.0	0.0
	MRK0075					POMER + LIGH	93 55.0						0.0
COUNTY NAME: WICKORY													
POMME DE TERRE LAKE	MO3020	POMME DE TERRE RIVER				DAEN MRK	37 54.1	611.0	365	111	150	650	0.0
	MRK0076						93 19.2					5.00	18.7
COUNTY NAME: HOWELL													
ARROW HEAD DAM	MO3007	SPRING CREEK				E. T. STOKES	36 54.3	11.8	12	26	33	2.0	0.0
	SL0113						92 0.0					0.08	0.1
COUNTY NAME: IRON													
BIG CR. DAM	MO0021	RIG CREEK					37 14.9	188.0	228	190	190	0.0	0.0
	LM0011						90 30.3					3.87	15.7
LAKE KILLARNEY DAM	MO3001	STOUTS CREEK				J. R. AND J. E. GUERTIN	37 35.4	52.1	57	26	33	1.0	0.0
	LM0012						90 33.8					0.45	0.7
COUNTY NAME: JACKSON													
BLUE SPRINGS DAM	MO0015	EAST FURK LITTLE CR				DAEN MRK	39 1.0	34.0	24	41	55	28	0.0
	MRK0077	BLUE RIVER					94 20.2					0.23	0.4

L E G E N D

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(2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=CELESTIAL CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION, O=OTHER
(3) - ESTIMATED CAPACITY AND ENERGY: P=POTENTIAL, I=INCREMENTAL, T=TOTAL
(4) - UNINSTALLED CAPACITY AND ENERGY: P=POTENTIAL, I=INCREMENTAL, T=TOTAL

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MISSOURI

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ NUMBER	PURP (2)	OWNER	LATITUDE (DM,M)	LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CFS)	AVERAGE ANNUAL POWER OF HEAD (FT)	NET HEIGHT OF DAM (1000 FT)	STORAGE CAPACITY (GAL)	ENERGY (3)
COUNTY NAME: JACKSON													
LONGVIEW DAMSITE	M000178	LITTLE BLUE RIVER	DAEN MKK			38 55.6	94 28.1	50.0	46.0	70.0	95.0	50.0	0.0
LAKE JACOMO	M010045	EAST FORK LITTLE BLUE RIVER	JACKSON COUN			38 59.6	94 16.4	14.0	9.0	48.0	57.0	24.0	0.0
LAKE LOTAWANA	M020040	SNIPBAR CREEK	LAKE ASSOCIA			38 56.2	94 14.8	20.0	13.0	37.0	45.0	9.0	0.0
LAKEWOOD LAKE	M020242	MAY PHOOK				38 59.8	94 22.5	11.0	7.0	66.0	84.0	3.0	0.0
COUNTY NAME: JASPER													
DRY FORK RESERVOIR	M000114	DRY FORK	DAEN SMT			37 16.5	94 17.0	79.0	59.0	55.0	75.0	6.0	0.0
NECK CITY RESERVOIR	M000119	NORTH FORK SPRING RIVER	DAEN SMT			37 16.0	94 28.0	988.0	734.0	64.0	86.0	382.0	0.0
PROSPERITY RESERVOIR	M000121	CENTER CREEK	DAEN SMT			32 7.0	94 21.5	207.0	176.0	59.0	80.0	71.0	0.0
TURKEY CREEK RESERVOIR	M000123	TURKEY CREEK				37 6.0	94 28.0	16.0	13.0	78.0	78.0	0.0	0.0
WACO RESERVOIR	M000125	DRY FORK SPRING	DAEN SMT			37 15.5	94 33.0	1150.0	854.0	51.0	69.0	300.0	0.0
TURKEY CREEK RESERVOIR	M000123	TURKEY CREEK	DAEN SMT			37 6.0	94 18.0	16.0	12.0	58.0	78.0	20.0	0.0

- LEGEND
- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=SWATER SUPPLY, R=RECREATION, O=OTHER
- (3) - ESTIMATED CAPACITY AND ENERGY: N=NET INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (4) - UNINSTALLED CAPACITY AND ENERGY: T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MISSOURI

PROJECT NAME	ID	NAME OF STREAM	PROJ. NUMBER	PURPOSE	OWNER	LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	ANNUAL INFLU (CFS)	AVERAGE ANNUAL POWER (MW)	NET HEAD (FT)	DAM (1000 AC FT)	CAPACITY (3)	ENERGY (GWH)
COUNTY NAME: JEFFERSON													
NOMINE	MD30400	TR-BALL BRANCH	NR			38 12.0	8.0	6.0	78.0	65.0	4.0E	0.0E	0.0
	LM50047					90 36.0							.12E
COUNTY NAME: JOHNSON													
CENTERVILLE DAMS	MDU016	WEST FORK POST O				38 40.3	27.0	22.0	24.0	32.0	7.0U	0.0U	0.0
ITE	MRK0082	BAK CREEK				93 51.6							.20E
COLUMBUS DAMSITE	MDU0167	NORTH FORK BLACK				38 50.3	42.0	34.0	27.0	36.0	23.0U	0.0U	0.0
	MRK0083	WATER RIVER				93 53.9							.29E
GLENDAL DAMSITE	MDU0173	EAST FORK POST O				38 41.9	40.0	32.0	18.0	25.0	14.0U	0.0U	0.0
	MRK0084	BAK CREEK				93 47.2							.14E
HOLDEN DAMSITE	MDU0176	SOUTH FORK BLACK				38 47.6	94.0	76.0	18.0	24.0	52.0U	0.0U	0.0
	MRK0085	WATER RIVER				93 54.0							.27E
MONTERRATT DAMS	MDU0181	CLEAR FORK BLACK				38 43.2	69.0	56.0	38.0	51.0	38.0U	0.0U	0.0
ITE	MRK0086	WATER RIVER				93 37.0							.58E
COUNTY NAME: KNOX													
MD NOMINE 90001	MDU0001	NORTH FORK SALT				40 5.0	157.0	94.0	60.0	70.0	0.0U	0.0U	0.0
	LM50048	RIVER				92 20.8							1.64E
COUNTY NAME: LAFAYETTE													
QUESSA DAMSITE	MDU0184	DAVIS CREEK				38 58.3	50.0	41.0	41.0	55.0	28.0U	0.0U	0.0
	MRK0087					93 49.4							.31E

LEGEND

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C-FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
DRAINAGE CONTROL, P-FARM POND, O-OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NET INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MISSOURI

PROJECT NAME	IDENT * NUMBER * (1) *	NAME OF STREAM CR RIVER	PROJ * PURP * (2) *	OWNER	*LATITUDE* * (DM-M) *	*DRAINAGE* * AREA * * (SQ MI) *	*AVERAGE* * INFLOW * * (CFS) *	*NET HEIGHT* * OF * DAM * * (FT) *	*MAXIMUM* * STORAGE* * CAPACITY* * (MM) *	*ENERGY* * (KWH) *
COUNTY NAME: LEWIS										
FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE										
MISSISSIPPI RIVE	M010303	MISSISSIPPI RIVER	DAEN NCR		40 8.6	134000.0	71074.0	5.0	58.0E	0.0E 0.0
R LOCK + DAM	20 NCR0077				91 30.7					59.26BN 242.9
COUNTY NAME: LINCOLN										
FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH										
NO NAME 90033	M000033	QUIVRE RIVER			39 .3	921.0	662.0	90.0	100.0	0.0U 0.0U 0.0
	LWS0049				90 58.1					15.86ST 22.3
NO NAME 90034	M000034	QUIVRE RIVER			38 57.2	978.0	703.0	30.0	40.0	0.0U 0.0U 0.0
	LWS0050				90 55.1					3.27ST 6.2
POOL 25	M010301	MISSISSIPPI	NR		39 0.	142000.0	82155.0	12.0	41.0	176.0E 0.0E 0.0
	LWS0051				90 42.0					169.26BN 677.4
COUNTY NAME: LINN										
FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH										
BROOKFIELD DAM	M000162	WEST YELLOW CREEK			39 50.6	140.0	105.0	63.0	85.0	300.0U 0.0U 0.0
TE	MRK0088				93 4.8					1.67ST 2.1
LINNEUS DAM	M000177	LOCUST CREEK			39 55.0	546.0	326.0	59.0	80.0	1035.0U 0.0U 0.0
	MRK0089				93 13.9					3.34ST 5.9
ST CATHERINE DAM	M000188	EAST YELLOW CREEK			39 48.5	118.0	92.0	63.0	85.0	255.0U 0.0U 0.0
SITE	MRK0090				92 57.9					1.48ST 1.8
COUNTY NAME: LIVINGSTON										
FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH										
CHILLICOTHE DAM	M000134	GRAND RIVER			39 42.0	4860.0	2992.0	43.0	50.0	1521.0U 0.0U 0.0
	MRK0091				92 21.0					52.96ST 77.0
LEGEN D										

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(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
DERRIS CONTROL, FARM POND, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY: NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(4) - UNINSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MISSOURI

PROJECT NAME	IDNT * NUMBER	NAME OF STREAM CR RIVER	PROJ* PURP#	OWNER	*LATITUDE *LONGITUDE	*DRAINAGE AREA	*NET *HEIGHT* ANNUAL *POWER * INFLOW *HEAD * (CFS) * (FT) * (AC FT) *	*CAPACITY * (MG) * (1000 * (3) *	*ENERGY (GWH) *
COUNTY NAME: MACON									
FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH									
LONG BRANCH DAM	*MO0138*	E. F. LITTLE CREEK		*DAEN MRK	*39 44.9	*109.0	*64.*	*52.*	*70.*
	MRK0092	RITON RIVER			*92 30.8				
COUNTY NAME: MADISON									
FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE CH									
TURNKEY CR. DAM	*MO0207*	ST FRANCIS RIVER			*37 34.0	*239.0	*290.*	*150.*	*150.*
	LMH0013				*90 27.0				
MARBLE CR. DAM	*MO0208*	ST FRANCIS RIVER			*37 27.0	*767.0	*875.*	*125.*	*125.*
	LMH0014				*90 28.0				
NIMS DAM	*MO3006*	WILLS BRANCH		*ST. LOUIS AREA COUNCIL	*37 38.2	*4.5	*6.*	*41.*	*50.*
COUNTY NAME: MARION									
FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH									
MISSISSIPPI RIVER	*MO1030*	MISSISSIPPI RIVER		*DAEN NCR	*39 54.3	*135000.0	*71605.*	*7.*	*28.*
R LOCK + DAM	*210CRO078*				*91 25.5				
COUNTY NAME: MERCER									
FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH									
MERCER DAMSITE	*MO0179*	WELDON RIVER			*40 29.3	*427.0	*238.*	*63.*	*85.*
	MRK0093				*93 35.0				
COUNTY NAME: MILLER									
FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH									
BAGNELL DAM	*MO3001*	OSAGE RIVER		*UNION ELECTRIC	*36 12.7	*14000.0	*5313.*	*95.*	*112.*
	MRK0094			*IC CU	*92 37.1				
LEGEND									

LEGEND

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION.
(3) - ESTIMATED CAPACITY AND ENERGY: PERMITS CONTROL, PERMITS FLOOD, OTHER
(4) - UNINSTALLED CAPACITY AND ENERGY: PERMITS CONTROL, PERMITS FLOOD, OTHER
(5) - UNINSTALLED CAPACITY AND ENERGY: PERMITS CONTROL, PERMITS FLOOD, OTHER

POTENTIAL HYDROPOWER SITES
IN THE STATE OF MISSOURI

PROJECT NAME	* IDENT * NUMBER	* NAME OF STREAM * CR RIVER	* PROJ * PURPOSE	* LATITUDE * (DM,M)	* DRAINAGE * AREA (SQ MI)	* ANNUAL * INFLOW (CFS)	* POWER * (FT)	* NET HEIGHT * OF DAM (FT)	* STORAGE * (1000 AC FY)	* CAPACITY * (MM)	* ENERGY * (GWH)
COUNTY NAME: MONROE											
MO NONGAME 90005	* HMO000A *	MIDDLE FORK SALT	*	* 39 32.6 *	* 276.0 *	* 188. *	* 40. *	* 50. *	* 0. *	* 0. *	* 0. *
	* LMS0052 *	RIVER	*	* 92 13.6 *					* 7. *	* 2.02 *	* 3.0 *
MO NONGAME 90012	* MQU0012 *	SOUTH FORK SALT	*	* 39 22.2 *	* 304.0 *	* 207. *	* 30. *	* 40. *	* 0. *	* 0. *	* 0. *
	* LMS0053 *	RIVER	*	* 91 47.2 *					* 7. *	* 1.73 *	* 2.5 *
COUNTY NAME: MORGAN											
SYRACUSE DAM SITE	* HMO0189 *	RICHLAND CREEK	*	* 38 39.3 *	* 138.0 *	* 105. *	* 49. *	* 66. *	* 76. *	* 0. *	* 0. *
	* MRR00095 *		*	* 92 56.5 *					* 7. *	* 1.53 *	* 2.1 *
COUNTY NAME: NEWTON											
GRANBY RESERVOIR	* HMO0116 *	SHOAL CREEK	*	* 36 56.5 *	* 250.0 *	* 239. *	* 96. *	* 130. *	* 377. *	* 0. *	* 0. *
	* SMT0258 *		*	* 94 15.0 *					* 7. *	* 3.96 *	* 12.5 *
JOBLIN RESERVOIR	* HMO0117 *	SHOAL CREEK	*	* 37 2.5 *	* 443.0 *	* 329. *	* 71. *	* 84. *	* 47. *	* 0. *	* 0. *
	* SMT0259 *		*	* 94 36.5 *					* 7. *	* 3.05 *	* 8.9 *
LOST CREEK SITE	* HMO0214 *	LOST CREEK	* C *	* 36 51.0 *	* 10.0 *	* 8. *	* 37. *	* 50. *	* 3. *	* 0. *	* 0. *
	* SMT0260 *		*	* 94 33.0 *					* 7. *	* .06 *	* .1 *
GRANBY RESERVOIR	* HMO0277 *	SHOAL CREEK	* C *	* 36 56.5 *	* 250.0 *	* 239. *	* 69. *	* 94. *	* 282. *	* 0. *	* 0. *
	* SMT0261 *		*	* 94 15.0 *					* 7. *	* 2.99 *	* 9.1 *
SHACKOUT RESERVOIR	* HMO0280 *	SHOAL CREEK	* C *	* 36 54.5 *	* 141.0 *	* 135. *	* 84. *	* 113. *	* 182. *	* 0. *	* 0. *
	* SMT0262 *		*	* 94 8.0 *					* 7. *	* 2.36 *	* 6.4 *
COUNTY NAME: NODAWAY											
CLEARMONT RES	* HMO0166 *	CLEAR CREEK	*	* 40 29.9 *	* 66.0 *	* 27. *	* 50. *	* 67. *	* 44. *	* 0. *	* 0. *
	* MRR00096 *		*	* 95 .7 *					* 7. *	* .58 *	* 1.0 *

LEGEND

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DERRIS CONTROL, PEFARM POND, OOTHER
(3) - ESTIMATED CAPACITY AND ENERGY NEMEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(4) - UNINSTALLED CAPACITY AND ENERGY TETOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MISSOURI

PROJECT NAME	ID#	NAME OF STREAM	PROJ#	OWNER	LONGITUDE	AREA	ANNUAL	AVERAGE	NET	HEIGHT	MAXIMUM	STORAGE	CAPACITY	ENERGY
	(1)	CR RIVER	(2)		(30 MI)	(SQ MI)	(CFS)	(FT)	(FT)	(FT)	(AC FT)	(MM)	(MM)	(BWM)
COUNTY NAME: MONTGOMERY														(3)
ELMO RES	M000171	HILL CREEK			40 32.3	43.0	22.0	30.0	41.0	34.0	0.0	0.0	0.0	0.0
	M000097				95 5.4									21.0
COUNTY NAME: DRESDEN														
RIVERTON	M000140	ELEVEN POINT RIV			36 49.0	793.0	761.0	125.0	125.0	0.0	0.0	0.0	0.0	0.0
	M000114	ER			91 22.0									19.94
LONG HOLLOW	M000191	ELEVEN POINT			36 49.0	585.0	561.0	90.0	90.0	0.0	0.0	0.0	0.0	0.0
	M000115				91 22.0									7.17
COUNTY NAME: OZARK														
BRYANT CREEK	M000150	BRYANT CREEK			36 37.0	570.0	528.0	145.0	145.0	0.0	0.0	0.0	0.0	0.0
	M000117				92 18.0									19.48
HOLLOW	M000151	NORTH FORK RIVER			36 38.0	561.0	721.0	205.0	205.0	0.0	0.0	0.0	0.0	0.0
	M000118				92 14.0									32.13
COUNTY NAME: PERRY														
PORT PERRY LAKE	M030030	NATIONS CREEK			37 42.0	25.0	28.0	60.0	68.0	6.0	0.0	0.0	0.0	0.0
	M000054				90 0.0									56.0
COUNTY NAME: PETTIS														
DRESDEN DAMSITE	M000169	MUDDY CREEK			36 43.7	115.0	93.0	35.0	47.0	6.0	0.0	0.0	0.0	0.0
	M000094				93 20.9									89.0
HIGGINS DAMSITE	M000175	SOUTH FORK BLACK			36 53.9	39.0	32.0	25.0	34.0	13.0	0.0	0.0	0.0	0.0
	M000099	WATER RIVER			93 23.5									19.0
														2.0

LEGEND

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DEBRIS CONTROL, PEFARM POND, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY: NENE= INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - INSTALLED CAPACITY AND ENERGY: TETOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MISSOURI

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ PURP (1)	OWNER	LATITUDE (N)	LONGITUDE (W)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE CAPACITY (1000 AC FT)	ENERGY (BHM) (3)
COUNTY NAME: PETTIS												
FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH												
MISSION DAMSITE	MOU0180	HEATHS CREEK			38 53.0	93 15.4	36.0	29.	31.	42.	10.	0.
	MRK0100											.10
SEDALIA DAMSITE	MOU0185	FLAT CREEK			38 37.6	93 18.0	129.0	105.	39.	53.	72.	0.
	MRK0101											1.21
SITE B DAM	MOU0186	FLAT CREEK			38 34.1	93 21.4	61.0	49.	38.	51.	48.	0.
	MRK0102											.51
SPRING FORK DAMSITE	MOU0187	SPRING FORK RIVER			38 37.3	93 14.5	35.0	28.	39.	51.	17.	0.
	MRK0103											.32
WALNUT GROVE DAMSITE	MOU0191	LITTLE MUDDY CREEK			38 46.3	93 17.3	25.0	20.	27.	37.	7.	0.
	MRK0104											.18
COUNTY NAME: PHILLIPS												
FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH												
MO NDA NAME 90061	MOU0061	NORMAN CREEK			38 58.4	91 31.4	369.0	265.	90.	100.	0.	0.
	LMS0055											4.10
MO NDA NAME 90063	MOU0063	NORMAN CREEK			37 55.4	91 35.0	344.0	259.	90.	100.	0.	0.
	LMS0056											3.71
MO NDA NAME 90064	MOU0064	DRY FORK			37 50.6	91 41.1	226.0	170.	70.	80.	0.	0.
	LMS0057											2.11
RICH FOUNTAIN DAM	MOU0127	GASCADNADE RIVER	MC		38 22.1	91 49.5	3223.0	2825.	58.	78.	1078.	0.
	MRK0105											51.37
ARLINGTON DAM	MOU0128	GASCADNADE RIVER	MC		37 56.0	92 51.0	2580.0	2260.	89.	120.	769.	0.
	MRK0106											57.09
LEGEND												

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(3) - ESTIMATED CAPACITY AND ENERGY: N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - UNINSTALLED CAPACITY AND ENERGY: T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MISSOURI

PROJECT NAME	IDENT * NUMBER * (1) *	NAME OF STREAM CR RIVER	PROJ * PURP * (2) *	OWNER	*LATITUDE * *LONGITUDE * (DN,M) *	*DRAINAGE * AREA * (SQ MI) *	*ANNUAL * INFLOW * (CFS) *	*NET * HEAD * (FT) *	*HEIGHT * OF * DAM * (FT) *	*STORAGE * CAPACITY * (1000 * GAL) *	*ENERGY * (KWH) * (3) *
COUNTY NAME: PINE											
FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CM											
NO NAME 90020	MOU0020	SALT RIVER			39 33.2	2828.0	1915.0	90.0	100.0	0.0	0.0
	ALMS0058				91 13.2					72.91	93.0
POL 24	MOU0300	MISSISSIPPI RIVER			39 18.0	140900.0	81518.0	11.0	32.0	125.0	0.0
	ALMS0059				90 54.0					166.58	627.0
COUNTY NAME: PULASKI											
FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE CM											
RICHLAND DAM	MOU0129	GASCONADE RIVER	MC		37 51.2	1386.0	1074.0	105.0	142.0	1400.0	0.0
	MRK0107				92 19.1					36.29	69.8
COUNTY NAME: RALL											
FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CM											
NO NAME 90016	MOU0016	SPENCER CREEK			39 27.6	105.0	77.0	90.0	100.0	0.0	0.0
	ALMS0060				91 27.7					1.97	2.8
NO NAME 90017	MOU0017	SALT RIVER			39 36.0	2501.0	1694.0	70.0	80.0	0.0	0.0
	ALMS0061				91 24.8					50.13	64.0
NO NAME 90018	MOU0018	SPENCER CREEK			39 30.5	194.0	131.0	70.0	80.0	0.0	0.0
	ALMS0062				91 22.5					2.18	3.3
CLARENCE CANNON DAM	MOU0300	SALT RIVER			39 30.0	2318.0	1570.0	128.0	138.0	0.0	0.0
	ALMS0063				91 36.0					84.99	108.4
MISSISSIPPI RIVER	MOU0103	MISSISSIPPI RIVER		DAEN NCR	39 38.3	137500.0	72931.0	8.0	27.0	80.0	0.0
R LOCK + DAM	MOU0079				91 14.8					101.57	402.6
COUNTY NAME: RANDOLPH											
FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CM											
THOMAS HILL RESE	MOU0103	MIDDLE FORK CHAR	SR	ASSOC. ELECT	39 33.1	147.0	87.0	38.0	52.0	86.0	0.0
RVDIR	MRK0108	ATTON RIVER		RIC COOP	92 38.7					1.30	1.7
LEGEND											

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION.
(3) - E-INSTALLED CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I S S O U R I

PROJECT NAME	IDENT * NUMBER * (1) *	NAME OF STREAM * CR RIVER	PROJ * PURP * (2) *	OWNER	*LATITUDE * *LONGITUDE * (DM.M) *	*DRAINAGE * AREA * (SQ MI) *	*ANNUAL * INFLOW * (CFS) *	*NET * HEAD * (FT) *	*STORAGE * CAPACITY * (GAL) *	*ENERGY * (KWH) * (3) *
***** FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH *****										
BLUE LICK DAMSIT	*MOU0159*	FINNEY CREEK	*	*	*39 6*	*49.0*	*40*	*31*	*18*	*0*
E	*MRK0111*		*	*	*93 13.5*				*.25*	*.3*
***** FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE FW *****										
WILTON SPRINGS D	*MOU0192*	CAMP CREEK	*	*	*39 4.4*	*26.0*	*21*	*27*	*9*	*0*
AMSITE	*MRK0112*		*	*	*93 6.4*				*.17*	*.2*
***** FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH *****										
JACKS FORK	*MOU0144*	JACKS FORK	*	*	*37 8.5*	*242.0*	*271*	*170*	*0*	*0*
	SWL0131		*	*	*91 31.0*				*.7*	*25.4*
***** FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH *****										
WELLSFORD	*MOU0145*	CURRENT RIVER	*	*	*37 21.3*	*408.0*	*495*	*170*	*0*	*0*
	SWL0132		*	*	*90 29.2*				*.26*	*46.1*
***** FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH *****										
BLAIR CREEK	*MOU0193*	CURRENT	*	*	*37 11.0*	*1324.0*	*1522*	*174*	*0*	*0*
	SWL0133		*	*	*91 12.5*				*.6*	*169.4*
***** FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH *****										
MO NDAHE 90003	*MOU0003*	BEAR CREEK	*	*	*39 50.7*	*371.0*	*216*	*70*	*0*	*0*
	LMS0064		*	*	*92 15.7*				*.3*	*5.3*
***** FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE CH *****										
MO NDAHE 90005	*MOU0005*	TENMILE CREEK	*	*	*39 47.2*	*427.0*	*248*	*30*	*0*	*0*
	LMS0065		*	*	*92 12.0*				*.2*	*2.9*
***** FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE CH *****										
OSCEOLA DAM	*MOU0133*	OSAGE RIVER	*H	*MO PUB SERV	*38 2.0*	*8180.0*	*5100*	*14*	*0*	*3.7*
	MRK0113		*CO		*93 44.0*				*.5*	*21.3*
***** FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE CH *****										
L E G E N D										

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
(2) - DEBRIS CONTROL, PRAIRIE POND, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY
(3) - UNINSTALLED CAPACITY AND ENERGY
(3) - TOTAL POTENTIAL CAPACITY AND ENERGY
(3) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MISSOURI

PROJECT NAME	ID	NAME OF STREAM	PROJ	NUMBER	CR RIVER	PURP	OWNER	LATITUDE	ORAINAGE	ANNUAL	POWER	OF	STORAGE	CAPACITY	ENERGY
	(1)		(2)					(DM,M)	(SQ MI)	(CFR)	(FT)	(AC FT)	(3)		(3)
COUNTY NAME: STONE															
GALENA															
COUNTY NAME: ST. CHARLES															
LAKE ST. LOUIS															
AM															
COUNTY NAME: ST. FRANCOIS															
MO NDAHE 90079															
MO NDAHE 90081															
CARLYLE DAM															
SLIME POND															
COUNTY NAME: ST. GENEVIEVE															
MO NDAHE 90088															
MO NDAHE 90091															

- LEGEND
- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOW CONTROL, N=NAVIGATION, S=SWATER SUPPLY, R=RECREATION, O=OTHER
- (3) - E=INSTALLED CAPACITY AND ENERGY, N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - U=UNINSTALLED CAPACITY AND ENERGY, T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE IV. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
(3) - DEDERIS CONTROL, P=FAH POND, O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I S S O U R I

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	PROJ. NUMBER	OWNER	LATITUDE	DRAINAGE AREA	ANNUAL POWER	NET HEAD	HEIGHT OF DAM	STORAGE	CAPACITY	ENERGY
	(1)	CR RIVER	(2)		(DM, M)	(SQ MI)	(CFS)	(FT)	(FT)	(1000 MW)	(3)	(3)
COUNTY NAMES: WASHINGTON												
FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CM												
INDIAN CREEK MIN.	MO30717	TR-GOOSE CREEK	NO		38 0.	6.0	5.	60.	68.	4.5E	0.	0.
E TAILINGS POND	ALMS0078				90 54.0						.10M	.1
NONAME	MO30728	TURNKEY CREEK	NO		38 6.0	6.0	5.	68.	75.	7.5E	0.	0.
	ALMS0079				90 48.0						.11M	.2
COUNTY NAMES: WAYNE												
FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FM												
EAGLE BLUFF	MOU0147	BLACK RIVER			36 59.0	1101.0	1098.	65.	65.	0.5U	0.	0.
	SL0127				90 36.0						20.45M	47.2
RONLAND CHURCH	MOU0209	ST FRANCIS RIVER			37 13.8	702.0	805.	78.	105.	597.5U	0.	0.
	ALMH0018				90 30.7						4.94M	19.4
HUBBLE CR. DAM	MOU0212	ST FRANCIS RIVER			37 8.8	1022.0	1172.	40.	40.	0.5U	0.	0.
	ALMH0017				90 28.0						4.07M	15.3
WAPPAPELLO DAM	MO30204	ST FRANCIS RIVER	C	DAEN LHM	36 55.8	1310.0	1502.	73.	99.	1135.5E	.018E	0.
	ALMH0018				90 16.7						34.57M	57.3
COUNTY NAMES: WEBSTER												
FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE FM												
COUNTY LINE	MOU0194	JAMES RIVER			37 14.5	153.0	136.	146.	146.	0.5U	0.	0.
	SL0135				93 5.0						3.40M	9.0

L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION, OTHERS CONTROL, PEFARM POND, OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

STATE OF OHIO

PHYSICAL POTENTIAL FOR ADDITIONAL
HYDROELECTRIC CAPACITY AND ENERGY DEVELOPMENT
IN THE STATE OF OHIO

[illegible]

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE IO, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, C=FLUOD CONTROL, NAVIGATION, SWAMER SUPPLY, RECREATION, DODERHS CONTROL, P=PAHM POND, O=OTHEP
- (3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (4) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F O H I O

PROJECT NAME	IDENT * NUMBER * (1)	NAME OF STREAM CR RIVER	PROJ * PURP * (2)	LATITUDE * (DM,M)	DRAINAGE AREA * (SQ MI)	ANNUAL * INFLON * (CFS)	NET * HEIGHT * (FT)	MAXIMUM * CAPACITY * (1000 * (MW)	ENERGY * (3) * (3)
COUNTY NAME: BELMONT									
ST CLAIRSVILLE RES	0000793	LITTLE MCMAHON C&S		40 0	15.0	17.0	22.0	0.0	0.0
3 NO 1 SOUTH	0000224	MON COAL CO.		80 55.3					.12
COUNTY NAME: BROWN									
WHITE OAK LAKE	0000069	WHITE OAK CREEK	CR	38 48.0	214.0	248.0	135.0	174.0	78.0
	0000021			83 55.0					6.53
LAKE WAYNOKA	0000162	STRAIGHT CREEK	R	38 55.9	7.0	7.0	44.0	55.0	5.0
	0000181	INC.		83 47.8					.13
COUNTY NAME: BUTLER									
DRY FORK	0000000	DRY FK WHITEHATE		39 18.8	45.0	45.0	35.0	45.0	37.0
	0000182	RIVER		84 45.1					.39
ACTION LAKE	0000575	FOUR MILE CREEK	R	39 33.4	102.0	102.0	44.0	45.0	15.0
	0000183		U	84 44.1					.123
COUNTY NAME: CARROLL									
LEESVILLE	0000071	MCGUIRE CREEK	CR	40 28.1	48.0	52.0	47.0	62.0	37.0
	0000022			81 11.7					.81
COUNTY NAME: CLARK									
CLARENCE J BROWN	0000028	HUCK CREEK	CR	39 57.0	82.0	82.0	44.0	55.0	64.0
RESERVOIR	0000184			83 44.8					.60

L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
(3) - ESTABLISHED CAPACITY AND ENERGY INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - US-INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.

(2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, SEWATER SUPPLY, RECREATION, DECEMBERIS CONTROL, PE/PAV POND, C/OTHER

(3) - ESTABLISHED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)

(4) - UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF OHIO

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	PROJ. PUMP	OWNER	LATITUDE (DM,M)	LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE CAPACITY (MM)	ENERGY (GWH)
	(1)		(2)									(3)
COUNTY NAMES DELAWARE												
BELLEPOINT	OH000066	SCIOTO RIVER	C		40 24.0	83 8.0	768.0	616.0	45.0	60.0	50.0	0.0
	OH00024											3.22AT 10.0
DELAWARE	OH000066	OLENTANGY RIVER	CRSO	DAEN GRM	40 21.6	83 4.2	361.0	347.0	34.0	67.0	132.0	0.0
	OH00025											2.51AN 5.2
OSHAUGNESSY	OH01310	SCIOTO	SK	COLUMBUS	40 6.0	83 7.5	979.0	787.0	75.0	90.0	16.0	0.0
	OH00026											24.40AN 35.6
COUNTY NAMES FRANKLIN												
BIG DARBY	OH000082	BIG DARBY CREEK	C		39 42.0	83 15.0	448.0	372.0	65.0	80.0	93.0	0.0
	OH00027											2.55AT 9.1
HOOVER	OH000091	BIG WALNUT CREEK	SK	COLUMBUS	40 6.0	82 52.9	190.0	184.0	65.0	91.0	90.0	0.0
	OH00028											2.47AN 5.0
J GRIGGS	OH03000	SCIOTO	SR	COLUMBUS	40 0.0	83 5.6	1044.0	839.0	25.0	52.0	15.0	0.0
	OH00029											3.64AN 8.9
COUNTY NAMES GALLIA												
CORA LAKE	OH000062	RACCON CREEK	C		38 54.0	82 25.0	611.0	677.0	51.0	66.0	240.0	0.0
	OH00030											3.24AT 13.0
COUNTY NAMES GREENE												
WASHINGTON HILLS	OH000004	LIT MIAMI RIVER			39 38.9	84 2.8	308.0	308.0	35.0	45.0	61.0	0.0
	OH00188											2.27AT 5.4
HUFFMAN RESERVOIR	OH000426	MAD RIVER	C	MIAMI CONSERV	39 47.8		512.0	512.0	44.0	55.0	297.0	0.0
	OH00189			WANCY DIST.	84 5.4							3.25AN 13.0

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
ORDERED BY CONTROL, SAFETY POND, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY
(3) - ESTIMATED CAPACITY AND ENERGY
(3) - ESTIMATED CAPACITY AND ENERGY

- (11) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (12) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION, FISH AND WILDLIFE, POWER, OTHER
- (13) - DESIGN CONTROL, FLOOD POND, OTHER
- (14) - ESTIMATED CAPACITY AND ENERGY
- (15) - ESTIMATED INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (16) - UNINSTALLED CAPACITY AND ENERGY
- (17) - UNINSTALLED POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

- (1) = TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) = PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, SEAWATER SUPPLY, RECREATION, SEDIMENT CONTROL, FISH AND WILDLIFE, OTHER
- (3) = E=INSTALLED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = U=INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF OHIO

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	CR RIVER	PROPOSED PURPOSE	OWNER	LATITUDE	LONGITUDE	AREA	ANNUAL INFLOW	HEAD	NET HEIGHT	MAXIMUM STORAGE	CAPACITY	ENERGY
	(1)			(2)		(DM.M)	(SU MI)	(CFS)	(FT)	(FT)	(AC FT)	(MM)	(GWH)	(3)
COUNTY NAMES: HOCKING														
LOGAN LAKE	OH00084	CLEAR CREEK		CSHQ		39 35.0	84.0	61.0	73.0	92.0	78.0	0.0	1.73T	3.6
	OH00036					82 36.0								
COUNTY NAMES: HOLMES														
MILLERSBURG LAKE	OH00086	KILLBUCK CREEK		AC		40 30.0	381.0	328.0	30.0	45.0	77.0	0.0	0.0	0.0
	OH00039					81 57.0							3.17T	6.6
COUNTY NAMES: JEFFERSON														
FRIENDSHIP PARK LAKE	OH00123	LITTLE MCINTIRE CREEK		JEFFERSON CO		40 17.0	3.0	3.0	69.0	87.0	2.0	0.0	0.0	0.0
	OH00025	CREEK		UNTY		80 45.9						0.05N	.1	
COUNTY NAMES: KNOX														
NORTH BRANCH OF KOKOSING	OH00074	NORTH BRANCH OF KOKOSING		DAEN URH		40 30.4	45.0	45.0	30.0	60.0	15.0	0.0	0.0	0.0
	OH00040					82 34.6						.48N	.7	
UTICA LAKE	OH00088	NORTH FORK LICK CREEK				40 15.0	112.0	128.0	39.0	52.0	76.0	0.0	0.0	0.0
	OH00041	ENG RIVER				82 27.0						1.47T	2.8	
COUNTY NAMES: LAWRENCE														
GETAWAY LAKE	OH00067	SYMMES CREEK		AC		38 18.0	327.0	327.0	53.0	68.0	140.0	0.0	0.0	0.0
	OH00042					82 31.0						3.28T	8.6	
COUNTY NAMES: MAHONING														
NEWPORT LAKE	OH00045	HILL CREEK		YOUNGSTOWN TR		41 0.0	60.0	58.0	13.0	15.0	1.0	0.0	0.0	0.0
	OH00026			OHMSHIP PARK		80 40.7						.28N	.4	

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION, D=DEBRIS CONTROL, P=PEAK FLOW, O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY, N=NET INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=UNINSTALLED CAPACITY AND ENERGY, T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF OHIO

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ. NUMBER	OWNER	LATITUDE (N)	LONGITUDE (W)	AREA (SQ MI)	ANNUAL INFLOW (CFS)	AVERAGE ANNUAL POWER (KW)	NET HEAD (FT)	DAM TYPE	STORAGE CAPACITY (AC FT)	ENERGY CAPACITY (MWH)
COUNTY NAME: MONTGOMERY													
LAKE GLACIER	0000416	MILL CREEK	000027	YOUNGSTOWN T. & C.	41 0.	80 40.5	78.0	78.0	11.0	13.0	0.0	0.0	0.0
LAKE MILTON	0000419	MAHONING RIVER	000028	CITY OF YOUNG	41 6.0	80 58.7	273.0	238.0	37.0	47.0	29.0	2.0	0.0
MCKELVEY LAKE	0000626	DRY RUN	000029	OHIO WATER S.	41 6.0	80 35.7	9.0	9.0	55.0	69.0	4.0	0.0	0.0
LAKE HAMILTON	0000629	YELLOW CREEK	000030	OHIO WATER S.	41 0.	80 35.5	39.0	38.0	57.0	74.0	3.0	0.0	0.0
BURGESS LAKE	0000630	BURGESS RUN	000031	OHIO WATER S.	41 0.	80 36.0	31.0	30.0	22.0	30.0	0.0	0.0	0.0
EVANS LAKE	0000631	YELLOW CREEK	000032	OHIO WATER S.	40 58.9	80 37.1	19.0	20.0	32.0	43.0	14.0	0.0	0.0
COUNTY NAME: MERCER													
GRAND LAKE ST. ARY	0000580	BEAVER CREEK	000033	STATE OF OHIO	40 32.1	80 34.4	118.0	918.0	44.0	26.0	177.0	0.0	0.0
COUNTY NAME: MONTGOMERY													
GERMANTOWN DAM	0000425	RAIN CREEK	000034	MIAMI CONSERV.	39 38.3	80 28.2	272.0	272.0	44.0	55.0	865.0	0.0	0.0
TAYLORSVILLE DAM	0000427	GREAT MIAMI RIVER	000035	MIAMI CONSERV.	39 52.5	80 9.7	1050.0	1050.0	44.0	55.0	386.0	0.0	0.0
ENGLEWOOD DAM	0000431	STILLWATER RIVER	000036	MIAMI CONSERV.	39 52.2	80 17.1	664.0	664.0	44.0	55.0	413.0	0.0	0.0

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, SEWAGE TREATMENT, RECREATION, DEBRIS CONTROL, WETLAND PROTECTION
(3) - ESTIMATED CAPACITY AND ENERGY: MEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(4) - UNINSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F O H I O

PROJECT NAME	IDENT # (1)	NAME OF STREAM OR RIVER	PROJ # (2)	OWNER	PLATITUDE (D.M.)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFD)	NET HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY ENERGY (MMH) (3)
COUNTY NAME: MORGAN										
FERC POWER SUPPLY AREA 9 FERC REGIONAL OFFICE CODE NY										
LOCK + DAM NO. 6	08H00046	MUSKINGHAM RIVER	08H10		39 32.8	7611.0	7509.	11.	0.	0. E 0.
	08H00043				81 47.3					N 24.34N 58.4
LOCK + DAM NO. 7	08H00097	MUSKINGHAM RIVER	08H10		39 38.6	7411.0	7354.	9.	0.	0. E 0.
	08H00044				81 51.0					N 19.39N 46.5
LOCK + DAM NO. 8	08H00098	MUSKINGHAM RIVER	08H10		39 44.0	7248.0	7151.	10.	0.	0. E 0.
	08H00045				81 54.5					N 21.07N 50.6
COUNTY NAME: MUSKINGUM										
FERC POWER SUPPLY AREA 9 FERC REGIONAL OFFICE CODE NY										
DILLON	08H00069	LICKING RIVER	08H00	DAEN UHM	39 59.5	742.0	786.	31.	85.	274. E 0. E 0.
	08H00040				82 4.0					N 2.32N 9.5
FAZEYSBURG LAKE	08H00043	WAKATONKA CREEK			40 5.0	139.0	147.	27.	70.	125. U 0. U 0.
	08H00047				82 8.0					N 1.26EY 2.4
LOCK + DAM NO. 9	08H00099	MUSKINGHAM RIVER	08H10		39 52.2	7019.0	6925.	9.	0.	0. E 0. E 0.
	08H00048				81 54.6					N 6.93N 31.3
LOCK + DAM NO. 10	08H00100	MUSKINGHAM RIVER	08H10		39 56.5	6840.0	6749.	14.	0.	0. E 0. E 0.
	08H00049				81 8					N 27.84N 66.8
COUNTY NAME: PICKAWAY										
FERC POWER SUPPLY AREA 9 FERC REGIONAL OFFICE CODE NY										
DEER CREEK	08H00061	DEER CREEK	08H00	DAEN UHM	39 37.3	277.0	295.	39.	74.	103. E 0. E 0.
	08H00050				83 12.9					N 2.20N 4.8
COUNTY NAME: PORTAGE										
FERC POWER SUPPLY AREA 9 FERC REGIONAL OFFICE CODE NY										
MICHAEL J KIRKIN	08H00030	WEST BRANCH OF TACKOS	08H00	DAEN UHM	41 19.3	81.0	104.	65.	77.	124. E 0. E 0.
DAM AND RESERVOIR	08H00033	HE MAHONING			81 4.0					N 1.41N 4.5
LEGEND										

(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
O=DEBRIS CONTROL, P=PAW POND, G=OTHER
(3) - ESTIMATED CAPACITY AND ENERGY: N=NET INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(4) - INSTALLED CAPACITY AND ENERGY: T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/05/79)

PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF OHIO

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	CR RIVER	PROJ PURP (1)	OWNER	LATITUDE (N)	LONGITUDE (W)	AREA (SQ MI)	ANNUAL FLOW (CFS)	HEAD (FT)	NET WEIGHT	STORAGE CAPACITY (1000 CUB)	ENERGY (KWH)
COUNTY NAME: PORTAGE													
BERLIN DAM	0H00032	MAHONING RIVER		DAENORP		41 2.0	81 2.2	248.0	223.0	89.0	91.0	0.0	0.0
LAKE ROCKWELL	0H00068	CUYAHOGA RIVER		CITY OF AKRON		41 11.0	81 19.0	208.0	240.0	25.0	0.0	0.0	0.0
COUNTY NAME: PREBLE													
LAKE LAKECHEN	0H00156	PAINT CREEK		LAKE LAKECHEN		39 40.5	84 41.2	18.0	18.0	40.0	0.0	0.0	0.0
COUNTY NAME: SANDUSKY													
FRENCH LOW HEAD	0H00809	SANDUSKY RIVER		CITY OF FRENCH		41 19.5	83 5.2	1251.0	940.0	21.0	0.0	0.0	0.0
COUNTY NAME: SCIOTO													
HARRISON MILLS	0H00064	LITTLE SCIOTO RIVER		SCIOTO RIVER		38 42.0	82 41.0	182.0	182.0	50.0	71.0	0.0	0.0
COUNTY NAME: SENeca													
TIFFIN LOW HEAD	0H00001	SANDUSKY RIVER		TIFFIN CO		41 7.4	83 10.3	1000.0	900.0	7.0	0.0	0.0	0.0
COUNTY NAME: TIERCE													
TIFFIN LOW HEAD	0H00002	SANDUSKY RIVER		TIFFIN CO		41 8.0	83 11.4	966.0	930.0	0.0	0.0	0.0	0.0
COUNTY NAME: TIERCE													

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, SEWER SUPPLY, RECREATION,
(3) - #INSTALLED CAPACITY AND ENERGY
(4) - #NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(5) - #TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF OHIO

PROJECT NAME	IDENT	NAME OF STREAM	PROJ	AVG	NET	MAXIMUM	CAPACITY	ENERGY
	NUMER	OR RIVER	PURP	ANNUAL	POWER	OF	STORAGE	
	(1)		(2)	INFLW	HEAD	DAM	(400	(GK)
				(CFS)	(FT)	(FT)	AC FT)	(3)
COUNTY NAME: SHELBY								
LOCKINGTON DRY R.	00000391	LORAMIE CREEK	NC	232.0	44.	55.	120.0E	0.0E
ESERVOR	00000392	AVANCY DISTR.	NC				2.07AN	3.7
LAKE LORAMIE	00000402	LORAMIE CREEK	NR	70.0	44.	30.	17.0E	0.0E
	00000403	STATE OF OHIO	NR					
COUNTY NAME: STARK								
UPPER DEER CREEK	00000421	DEER CREEK	NS	33.0	22.	35.	15.0E	0.0E
RES.	00000422	CITY OF ALLI	NS					
DEER CREEK WESER	00000423	DEER CREEK	NS	33.0	22.	35.	15.0E	0.0E
VOIR	00000424	CITY OF ALLI	NS					
COUNTY NAME: TRUMBULL								
MOSQUITO CREEK	00000431	MOSQUITO CREEK	NS	97.0	42.	42.	176.0E	0.0E
AM	00000432	DAENDEMP	NS					
MEANDER CREEK	00000433	MEANDER CREEK	NS	86.0	33.	45.	53.0E	0.0E
SERVOR	00000434	MEYER SANITARY	NS					
NEWTON FALLS DAM	00000435	EAST BR HAMMOND	NS	276.0	8.	11.	1.0E	0.0E
	00000436	RIVER	NS					
LIBERTY LAKE	00000437	SQUAW CREEK	NS	15.0	35.	40.	2.0E	0.0E
	00000438	SERVICE CO.	NS					
LAKE GIRARD	00000439	SQUAW CREEK	NS	11.0	12.	41.	4.0E	0.0E
	00000440	SERVICE CO.	NS					

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, SEWATER SUPPLY, RECREATION,
(3) - ESTABLISHED CAPACITY AND ENERGY
(4) - UNINSTALLED CAPACITY AND ENERGY
(5) - UNDEVELOPED SITES

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF OHIO

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	DRAINAGE AREA (SQ MI)	LONGITUDE (DM M)	AVERAGE ANNUAL INFLU (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAMES: TUSCARAWAS											
FERC POWER SUPPLY AREA 9 FERC REGIONAL OFFICE CODE NY											
ATWOOD LAKE	OHU0056	INDIAN FORK	DAEN DRH	40 31.6	81 17.1	72.0	41.0	55.0	50.0	0.0	0.0
	ORH0052									1.11	2.1
BEACH CITY	OHU0057	SUGAR CREEK	DAEN DRH	40 36.2	81 33.4	140.0	17.0	46.0	72.0	0.0	0.0
	ORH0053									1.08	4.0
DOVER	OHU0070	TUSCARAWAS RIVER	DAEN DRH	40 33.4	81 24.8	1379.0	9.0	51.0	203.0	0.0	0.0
	ORH0054									3.78	8.7
COUNTY NAMES: VINTON											
FERC POWER SUPPLY AREA 9 FERC REGIONAL OFFICE CODE NY											
SALT CREEK	OHU0087	SALT CREEK	C	39 30.0	82 37.0	270.0	66.0	83.0	130.0	0.0	0.0
	ORH0055									1.93	7.9
COUNTY NAMES: WARREN											
FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH											
TODD FORK	OHU0002	TODD FK LIT MIAM		39 20.8	84 4.8	245.0	35.0	45.0	95.0	0.0	0.0
	ORL0198	I RIVER								2.26	4.7
MORROW	OHU0003	LIT MIAMI RIVER		39 21.5	84 7.0	685.0	35.0	45.0	244.0	0.0	0.0
	ORL0199									4.11	15.6
COWAN CREEK	OHU0005	COWAN CREEK		39 28.8	83 57.4	51.0	35.0	45.0	14.0	0.0	0.0
	ORL0200									.53	1.0
ARMCO PARK RESERVOIR	OHU0053	SHAKER CREEK	ARMCO STEEL	39 27.0	84 17.6	6.0	44.0	55.0	5.0	0.0	0.0
	ORL0201		CORPORATION							.08	.1
CAESAR CREEK LAKE	OHU0092	CAESAR CREEK	DAEN DRH	39 27.5	83 56.4	237.0	110.0	140.0	242.0	0.0	0.0
	ORL0202									4.22	12.1

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, SWATH SUPPLY, RECREATION,
(3) - REINSTALLED CAPACITY AND ENERGY: REPAIR POND, DEPTER
(3) - REINSTALLED CAPACITY AND ENERGY: REPAIR POND, DEPTER
(3) - REINSTALLED CAPACITY AND ENERGY: REPAIR POND, DEPTER

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF OHIO

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ#	OWNER	"LATITUDE" (DM,N)	"LONGITUDE" (DM,W)	"DRAINAGE" AREA (SQ MI)	"AVERAGE ANNUAL INFLOW" (CFS)	"NET HEAD" (FT)	"HEIGHT" OF DAM (FT)	"STORAGE" CAPACITY (1000 AC FT)	"ENERGY" (MMH)
	(1)		(2)								(3)	(3)
COUNTY NAME: WASHINGTON												
LOCK + DAM NO.2	OHU00092	MUSKINGHAM RIVER		OHIO	39 28.2	81 29.5	6016.0	7911.0	10.0	0.0	0.0	0.0
	ORH00056										23.31	55.9
LOCK + DAM NO.3	OHU00093	MUSKINGHAM RIVER		OHIO	39 31.8	81 31.0	7985.0	7878.0	12.0	0.0	0.0	0.0
	ORH00057										27.88	66.9
LOCK + DAM NO.4	OHU00094	MUSKINGHAM RIVER		OHIO	39 33.2	81 30.8	7940.0	7834.0	8.0	0.0	0.0	0.0
	ORH00058										6.97	31.4
LOCK + DAM NO.5	OHU00095	MUSKINGHAM RIVER		OHIO	39 35.2	81 43.3	7748.0	7641.0	9.0	0.0	0.0	0.0
	ORH00059										20.26	48.6

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CATASTROPHIC CONTROL, NAVIGATION, SWAMP SUPPLY, RECREATION, DEBRIS CONTROL, FARM POND, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY: TOTAL INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - INSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

STATE OF WISCONSIN

[illegible]

(07/10/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F W I S C O N S I N

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ PURP (1)	OWNER	LATITUDE (DM-N)	LONGITUDE (SU MI)	DRAINAGE AREA (SQ MI)	ANNUAL INFLU (CFS)	NET HEAD (FT)	STORAGE CAPACITY (1000 (3))	ENERGY (MWH)
COUNTY NAME: BAYFIELD											
FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE											
MIDDLE LAKE CLARE	W100523	EAU CLAIRE	HR	BAYFIELD CO	46 17.1		89.0	72	11	24	0.24
LAKE 2NP366	NCS0201			NTY	91 32.6						1.0
NAMEKAGON	W100623	NAMEKAGON	HR	TOWN OF LAKE	46 13.4		33.0	30	7	71	0.0
	NCS0202			NAMEKAGON	91 8.8						.06
PORT WING 2NP689	W100726	IRON	HR	LAKE SUPERIOR	46 44.8		60.0	173	41	3	0.0
	NCS0203			R DIST PH	91 29.1						.59
COUNTY NAME: BROWN											
FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH											
WEST DEPERE	W100140	FOX	HR	NICOLET PAPE	44 27.0		6240.0	4392	7	0	1.12
	NCS0215			R CUP	88 3.0						3.16
COUNTY NAME: BURNETT											
FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE CH											
DANBURY	W100003	YELLOW	HR		45 59.8		310.0	361	30	1	1.08
	NCS0204				92 22.4						.35
CLAM RIVER	W100004	CLAM	HR	NW WISE ELEC	45 56.8		378.0	311	35	6	1.20
	NCS0205			CU	92 32.3						.63
LOOV LAKE	W100243	LOON CREEK	HR	BURNETT COUN	45 59.0		40.0	32	6	4	0.0
	NCS0206			TY	92 10.5						.06
CLAM LAKE 2NP233	W100260	CLAM	HR	BURNETT COUN	45 50.0		320.0	260	6	16	0.0
	NCS0207			TY	92 16.7						.29
CLAM LAKE 2NP233	W100619	CLAM	HR	BURNETT COUN	45 50.5		296.0	240	6	16	0.0
	NCS0208			TY	92 18.9						.27
L E G E N D											

(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLLOOD CONTROL, N=NAVIGATION, S=SMALL SUPPLY, R=RECREATION,
D=DEBRIS CONTROL, P=PARK POND, O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
U=UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/10/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MISSISSIPPI

PROJECT NAME	TENT * NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PUMP (2)	OWNER	*LATITUDE *LONGITUDE (N,M)	*DRAINAGE AREA (SQ MI)	*ANNUAL INFLW (CFD)	*AVERAGE ANNUAL FLOW (CFD)	*NET HEIGHT OF DAM (FT)	*STORAGE CAPACITY (MM)	*ENERGY (GWH) (3)
COUNTY NAME: CHIPPEN											
SITE NO 21		WI00094*FLAMBEAU			45 18.5	1868.0	1804.0	17.0	5.0	0.0	0.0
		NC30209			91 13.9				4.70	20.1	
OTTER LAKE		WI00066*OTTER CREEK		CHIPPEWA COU	5.5	37.0	29.0	13.0	15.0	0.0	0.0
		NC30210		NTY	90 57.2					.19	.3
JIM FALLS 1903C1		WI00729*CHIPPEN		NORTHERN STA	45 3.6	4891.0	2891.0	54.0	21.0	14.40	82.8
72		NC30210		TES POWER CO	91 16.0					49.15	80.7
WISDOTA WP37		WI00730*CHIPPEN		NORTHERN STA	44 56.3	5548.0	4943.0	54.0	22.0	35.28	141.6
		NC30211		TES POWER CO	91 20.4					35.10	42.9
CHIPPEN FALLS		WI00731*CHIPPEN		NORTHERN STA	44 55.9	5550.0	5042.0	30.0	5.0	21.60	73.5
P304		NC30212		TES POWER CO	91 23.3					18.46	29.6
HOLCOMBE 2WP723		WI00732*CHIPPEN		NORTHERN STA	45 13.5	4700.0	3960.0	42.0	72.0	33.75	99.7
		NC30213		TES POWER CO	91 7.7					6.56	22.7
COUNTY NAME: CLARK											
HEAD		WI00067*SOUTH BRANCH EAU		CLARK COUNTY	44 47.4	79.0	63.0	12.0	4.0	0.0	0.0
		NC30214			90 46.3					.20	.3
COUNTY NAME: COLUMBIA											
PARDEEVILLE		WI00142*FOX			43 32.0	40.0	25.0	11.0	3.0	.05	.1
		NC30215			89 19.0					0.0	0.0
MILBOURN		WI00003*WISCONSIN		WBYL	43 37.6	7877.0	3742.0	24.0	10.0	8.20	47.2
		NC30215			89 46.9					26.37	61.8

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
(3) - ESSENTIAL CAPACITY AND ENERGY INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(4) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ NUMBER	OWNER	LATITUDE (N,M)	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CFS)	AVERAGE POWER (FT)	NET HEIGHT (FT)	OF STORAGE (1000)	CAPACITY (MG)	ENERGY (GWH)
	(1)		(2)								(3)	
COUNTY NAME: CHAMFORD												
FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE												
BOSCOREL	W100122	WISCONSIN	NR	CITY OF MADISON	43 9.0	10790.0	7895.0	22.0	95.0	0.0	0.0	0.0
	W100210		NR	SUN	43 9.0	43.0				37.18	136.8	
LYNXVILLE UNITED STATES 9	W100733	MISSISSIPPI	NR	DAEN NCS	43 12.7	66800.0	31539.0	5.0	9.0	270.0	0.0	0.0
	W100810		NR		43 5.7					29.87	113.0	
COUNTY NAME: DANE												
FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE												
MENDOTA LOCKS #1	W100621	WYANARA	NR	CITY OF MADISON	43 5.7	233.0	154.0	8.0	295.0	0.0	0.0	0.0
	W100800		NR	SUN	43 22.2					21.0	8.0	
COUNTY NAME: DOUGLAS												
FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE												
MORICON	W100119	ROCK RIVER	NR	CITY OF BEAVER DAM	43 50.0	465.0	358.0	9.0	0.0	0.0	0.0	0.0
	W100802		NR	SUN	43 50.0					48.5	2.1	
UPPER BEAVER	W100119	BEAVERDAM	NR	CITY OF BEAVER DAM	43 27.3	300.0	140.0	11.0	35.0	57.0	0.0	0.0
	W100803		NR	SUN	43 50.7					27.0	1.0	
FOX LAKE	W100253	BEAVERDAM	NR	VILLAGE OF FOX LAKE	43 33.6	70.0	40.0	7.0	35.0	28.0	0.0	0.0
	W100803		NR	SUN	43 55.1					0.09	0.0	0.0
MUSTISFORD	W100254	WOCK	NR	VILLAGE OF MUSTISFORD	43 20.8	482.0	235.0	7.0	35.0	19.0	0.0	0.0
	W100804		NR	SUN	43 35.9					37.0	0.0	0.0
THERESA MARSH #2	W100612	EAST BRANCH ROCK	NR	CITY OF ROCK	43 31.5	151.0	87.0	8.0	21.0	0.0	0.0	0.0
	W100805		NR	SUN	43 25.3					23.0	0.0	0.0
COUNTY NAME: DOUGLAS												
FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE												
SAINT CROIX	W100504	SAINT CROIX	NR	DOUGLAS COUNTY	46 15.2	488.0	393.0	7.0	9.0	20.0	0.0	0.0
	W100821		NR	TY	46 55.6					50.0	2.2	

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION, ORDERIS CONTROL, PEFARM POND, OOTHER
- (3) - ESTINSTALLED CAPACITY AND ENERGY NEVER INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (4) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/10/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F W I S C O N S I N

PROJECT NAME	IDENT * NUMBER	NAME OF STREAM CM RIVER	PROJ * PUMP	OWNER	*LATITUDE (DM,N)	*LONGITUDE (80 MI)	*DRAINAGE AREA	*ANNUAL INFLU	*POWER HEAD	*NET HEIGHT OF DAM	*MAXIMUM STORAGE (1000 AC FT)	*CAPACITY (GPM) (3)	*ENERGY (3)
COUNTY NAME: DUNN													
VARNEY CREEK	*IU0005	*SHRED CEDAR	*H		44 49.9		1605.0	1220.0	30.0	30.0	4.0U	0.0U	0.0
	*NCS0218				91 56.9						5.17	25.9	
DUNNVILLE	*IU0009	*SHRED CEDAR	*H		44 43.2		1638.0	1243.0	30.0	30.0	18.0U	0.0U	0.0
	*NCS0219				91 54.4						5.23	25.3	
EAU GALE	*IU0008	*EAU GALLE	*HR	*NSP	44 41.6		190.0	72.0	30.0	30.0	2.0E	0.0E	0.0
	*NCS0220				92 .6						.43	1.0	
CEDAR FALLS 1983	*IU0073	*SHRED CEDAR	*I	*NORTHERN STA	44 51.1		1690.0		50.0	52.0	37.0E	0.00E	29.1
C3	*NCS0221			*TES POWER CO	91 53.3						1.63	9.8	
MEMORNEE 1961	*IC36	*SHRED CEDAR	*HR	*NORTHERN STA	44 53.0		1760.0	1134.0	32.0	32.0	21.0E	5.40E	21.9
	*NCS0222			*TES POWER CO	91 55.7						0.0	0.0	
COUNTY NAME: EAU CLAIRE													
SITE NO 10	*IU0103	*CHIPPEWA	*H		44 47.1		6737.0	6066.0	13.0	13.0	2.0U	0.0U	0.0
	*NCS0223				91 34.1						21.07	54.2	
ALTOONA	*IU0011	*EAU CLAIRE	*R		44 49.2		792.0	713.0	20.0	27.0	11.0E	0.0E	0.0
	*NCS0224				91 26.6						1.75	7.1	
COUNTY NAME: EAU CLAIRE													
DELLS 1907	*IU0073	*CHIPPEWA	*H	*CITY OF EAU	44 49.6		5752.0	5179.0	26.0	26.0	10.0E	9.50E	43.8
	*NCS-IF0			*CLAIRE	91 30.7						26.48	48.8	
COUNTY NAME: FLORENCE													
PINE #P 146	*IU0073	*PINE RIVER	*H	*WI - MI PUNE	45 49.8		520.0	424.0	79.0	104.0	3.0E	3.60E	19.0
	*NCS0217			*R CO	68 15.6						2.15	2.7	

L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C-FLOOD CONTROL, NAVIGATION, SEWER SUPPLY, RECREATION,
DEDEURIS CONTROL, PEARL POND, GEOTHER
(3) - E-INSTALLED CAPACITY AND ENERGY N-NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
 I-INSTALLED CAPACITY AND ENERGY T-TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

POTENTIAL HYDROPOWER SITES
IN THE STATE OF WISCONSIN

[illegible]

- (11) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.) OFFICE AND SITE ID.
- (12) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CEFLUD CONTROL, NAVIGATION, SEWATER SUPPLY, RECREATION, DEFENSE CONTROL, FISH AND POND, OTHER
- (13) - INSTALLED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (14) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/10/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MISSISSIPPI

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM CK RIVER	PROJ* PURP* (2)	OWNER	*LATITUDE* (DM,M)	*LONGITUDE* (DM,M)	*DRAINAGE* AREA (SQ MI)	*ANNUAL* INFLW (CFS)	*POWER* HEAD (FT)	*NET* HEIGHT* OF DAM (FT)	*STORAGE* CAPACITY (MH)	*ENERGY* (GWH)
NECEDAH	*W00196*	*YELLOW	*R	*MI POWER AND* LIGHT CO	*44 12.0	*90 4.2	*565.0*	*307.0*	*8.0*	*11.0*	*3.0E 0.37EN	*0.0 1.2
PETENWELL	*W00740*	*MISSISSIPPI	*MCR	*MI RIVER POW* REM CO	*44 3.4	*90 1.2	*5860.0*	*4920.0*	*42.0*	*42.0*	*587.0E 20.00EN	*102.0 39.9
COUNTY NAME: LA CROSSE												
NESHONOC	*W00144*	*LA CROSSE	*R	*LA CROSSE CO* RNTY	*43 54.8	*91 4.5	*390.0*	*281.0*	*10.0*	*14.0*	*9.0E 0.49EN	*0.0 2.0
COUNTY NAME: LAFAYETTE												
CALAMINE	*W00111*	*PECATONICA RIVER	*R		*42 45.0	*90 10.0	*198.0*	*134.0*	*32.0*	*0.0*	*0.0U 0.65AT	*0.0 2.5
COTTAGE INN	*W00112*	*PECATONICA RIVER	*R		*42 45.0	*90 15.0	*14.0*	*9.0*	*29.0*	*0.0*	*0.0U 0.06AT	*0.0 0.1
DILL	*W00113*	*PECATONICA RIVER	*R		*42 30.0	*89 50.0	*1037.0*	*700.0*	*16.0*	*0.0*	*0.0U 0.21AT	*0.0 7.1
PECATONICA	*W00116*	*PECATONICA RIVER	*R		*42 50.0	*90 15.0	*69.0*	*49.0*	*27.0*	*0.0*	*0.0U 0.27AT	*0.0 0.8
WOOD BRANCH	*W00117*	*PECATONICA RIVER	*R		*42 35.0	*90 10.0	*18.0*	*11.0*	*26.0*	*0.0*	*0.0U 0.06AT	*0.0 0.2
YELLOWSTONE	*W00071*	*YELLOWSTONE	*R	*MI DNR	*42 45.4	*89 57.4	*29.0*	*18.0*	*18.0*	*35.0*	*7.0E 0.06EN	*0.0 0.2

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=CLOUD CONTROL, N=NAVIGATIONAL, S=SEWER SUPPLY, R=RECREATION, D=DEBRIS CONTROL, P=PAVING, Q=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PROJECT NAME	IDENT	NAME OF STREAM	PUMP	PROJ	LATITUDE	DRAINAGE	AVERAGE	NET HEIGHT	MAXIMUM	CAPACITY	ENERGY
	NUMBER	OR RIVER		(2)	(DM,M)	AREA	ANNUAL	POWER	OF	STORAGE	(WH)
	(1)					(SQ MI)	(CFS)	(FT)	(FT)	(1000	(GAL)
										AC FT)	(3)
COUNTY NAME: LANGLADE											(3)
NORTH POST LK	*WIU0054	*WOLF		*	45 27.6	101.0	65.	16.	18.0	19.0	0.0
	*NCC0225			*	89 5.0						.327
LOWER POST LK	*WIU0147	*WOLF		*	45 24.0	278.0	184.	11.	12.	10.0	0.0
	*NCC0284			*	88 54.0						.497
MANSON RIPS	*WIU0170	*WOLF		*	45 7.0	485.0	324.	35.	39.	0.0	0.0
	*NCC0226			*	88 40.3						2.78
GARDNER	*WIU0171	*WOLF		*	45 6.0	482.0	322.	54.	60.	0.0	0.0
	*NCC0265			*	88 41.0						4.05
WHITE LK CK	*WIU0172	*WOLF		*	45 6.0	466.0	311.	44.	49.	0.0	0.0
	*NCC0227			*	88 44.0						3.31
LANGLADE	*WIU0173	*WOLF		*	45 13.0	462.0	309.	36.	40.	0.0	0.0
	*NCC0228			*	88 43.0						2.71
SHERRY RAPIDS	*WIU0174	*WOLF		*	45 12.0	459.0	269.	42.	47.	0.0	0.0
	*NCC0229			*	88 45.0						3.12
LILY	*WIU0175	*WOLF		*	45 18.0	394.0	262.	27.	30.	0.0	0.0
	*NCC0230			*	88 51.3						1.83
COUNTY NAME: LINCOLN											
DELIS	*WIU0019	*PRAIRIE		*	45 15.4	126.0	125.	33.	45.	2.0	0.0
	*NCC0237			*	89 33.8						.89
LITTLE SONG RIVER	*WIU0710	*LITTLE SONG		*	45 29.8	130.0	133.	5.	7.	5.0	0.0
R 2WP46	*NCC0238			*	89 50.8						.14
RICE	*WIU0741	*TOMAHAWK		*	45 32.3	545.0	531.	10.	13.	26.0	0.0
	*NCC0239			*	89 44.7						.72

LEGEND

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- (2) - PROJECT PURPOSES I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION
- (2) - DEGRIS CONTROL, P=ARM POND, C=OTHER
- (3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

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NATIONAL HYDROELECTRIC POWER RESOURCES STUDY. PRELIMINARY INVEN--ETC(1
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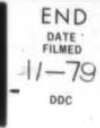
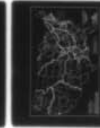
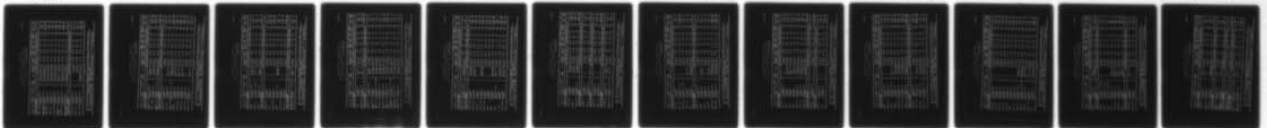
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(07/10/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F W I S C O N S I N

PROJECT NAME	IDENT * NUMBER * (1)	NAME OF STREAM * CN RIVER	PROJ * PURP * (2)	OWNER	LATITUDE * LONGITUDE * (DM,M)	DRAINAGE * AREA * (SQ MI)	ANNUAL * INFLOW * (CFS)	NET * HEAD * (FT)	STORAGE * CAPACITY * (1000 * GAL)	ENERGY * (KWH)	RECREATION * (AC FT)	DEVELOPMENT * (AC FT)
COUNTY NAME: LINCOLN												
FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH												
MERRILL 1874C118	100742	WISCONSIN	HR	WI PUBLIC SE	45 10.7	2780.0	2672.0	14.0	15.0	12.0	0.0	0.0
	NC80240			WVCE CORP	89 41.2							0.61N 18.9
UPPER GRANDFATHER	100743	WISCONSIN	HR	WI PUBLIC SE	45 18.8	2293.0	2204.0	95.0	94.0	10.0	17.24E 101.0	28.37N 49.0
R FALLS 2WP35	NC80241			WVCE CORP	89 47.1							
KINGS 1853C30	100744	WISCONSIN	HR	WISCONSIN PWR	45 28.9	1297.0	1198.0	23.0	23.0	14.0	0.32E 1.0	4.04N 18.2
	NC80242			ER AND PULP	89 40.8							
JERSEY 2WP33	100745	WISCONSIN	HR	WI PUBLIC SE	45 29.5	557.0	543.0	15.0	15.0	3.0	0.51E 2.8	0.82N 3.2
	NC80243			WVCE CORP	89 45.0							
TOMAHAWK 2WP320	100746	WISCONSIN	HR	WI PUBLIC SE	45 26.5	2028.0	1949.0	16.0	15.0	15.0	2.60E 14.0	2.12N 6.9
	NC80244			WVCE CORP	89 43.8							
GRANDMOTHER FALLS	100747	WISCONSIN	HR	WISCONSIN ILLINOIS	45 22.0	2269.0	2200.0	19.0	19.0	6.0	3.00E 18.2	2.61N 9.1
S WP185	NC80245			IS INC	89 43.7							
ALEXANDER WP200	100748	WISCONSIN	HR	WI PUBLIC SE	45 11.3	2520.0	2400.0	24.0	23.0	8.0	4.20E 22.6	3.90N 15.7
	NC80246			WVCE CORP	89 45.3							
SPIRIT RIVER RES	100749	SPRIT	HR	WI VALLEY INC	45 28.3	174.0	167.0	10.0	14.0	27.0	0.0	0.0
DRIVER 2WP585	NC80247			PROVEMENT CO	89 44.5							
COUNTY NAME: MARATHON												
FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH												
TRAPPE RAPIDS	100750	WISCONSIN	HR	WI VALLEY INC	45 5.0	2790.0	2682.0	24.0	24.0	1.0	0.0	0.0
	NC80248			WVCE CORP	89 37.2							
TRAPPE RAPID	100751	WISCONSIN	HR	WI VALLEY INC	45 5.0	2790.0	2682.0	24.0	24.0	13.0	0.0	0.0
	NC80249			WVCE CORP	89 37.2							
MOSINEE 1893C138	100752	WISCONSIN	HR	WISCONSIN PAPER	44 47.5	4126.0	3400.0	22.0	22.0	3.0	3.40E 23.0	9.14N 26.1
	NC80250			WV COMPANY	89 41.8							
L E G E N D												

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
DEBRIS CONTROL, PEPAN POND, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY: NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(4) - UNINSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/10/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F W I S C O N S I N

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE (DM.M)	LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEIGHT OF DAM (FT)	STORAGE CAPACITY (MH) (3)	ENERGY (3)
COUNTY NAME: MARATHON											
FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH											
ROTHSCHILD 1903C	WI00751	WISCONSIN	HR	MEYERHAUSEN COMPANY	44 53.5	89 37.6	4016.0	2474.0	21.0	20.0	3.64E 21.0
155	NC90250										6.74E 23.5
WAUSAU 1954C82	WI00752	WISCONSIN	HR	MI PUBLIC SER	44 57.4		3092.0	2900.0	28.0	27.0	5.40E 27.5
	NC90251			AVICE CORP	89 36.1						12.73E 32.1
BIG EAU PLEINE 2	WI00753	RIG EAU PLEINE	OCR	MI VALLEY INC	44 43.9		365.0	337.0	22.0	30.0	0.0E 0.0
WP189	NC90252			PROVEMENT CO	89 45.6						1.43E 3.3
COUNTY NAME: MARINETTE											
FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH											
ROARING RAPIDS	WI00128	PESHTIGO			45 23.3		435.0	290.0	16.0	0.0	9.70E 49.4
	NC90231				88 16.3						0.0E 0.0
HIGH FALLS	WI00754	PESHTIGO		MI PUB SERV	45 16.8		554.0	478.0	70.0	94.0	7.00E 15.0
	NC90232			CORP	88 12.0						0.0E 0.0
LITTLE QUINNESEC	WI00755	MENUPINEE RIVER		NIAGARA OF MI	45 46.2		2502.0	2541.0	60.0	81.0	8.39E 35.0
FALLS	NC90233			MI PAPER CORP	87 59.4						22.64E 71.5
PESHTIGO	WI00756	PESHTIGO		MI PUB SERV	45 3.0		1046.0	936.0	16.0	24.0	3.0E 3.2
	NC90234			CORP	87 45.0						2.14E 7.9
POTATO RAPIDS	WI00757	PESHTIGO		MI PUB SERV	45 7.2		1601.0	1333.0	16.0	22.0	1.38E 4.8
	NC90235			CORP	87 45.6						2.61E 9.9
JOHNSON FALLS	WI00758	PESHTIGO		MI PUB SERV	45 17.4		647.0	558.0	38.0	51.0	3.52E 12.0
	NC90236			CORP	88 9.8						.33E 2.3
CALDRON FALLS	WI00759	PESHTIGO		MI PUB SERV	45 21.0		496.0	428.0	60.0	90.0	6.40E 17.0
	NC90237			CORP	88 13.8						0.0E 0.0
SANDSTONE RAPIDS	WI00760	PESHTIGO		MI PUB SERV	45 13.8		675.0	582.0	38.0	51.0	3.84E 15.0
	NC90238			CORP	88 4.2						0.0E 0.0
L E G E N D											

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C&D CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
DEBRIS CONTROL, FARM POND, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY: NET INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(4) - UNINSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/10/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F W I S C O N S I N

PROJECT NAME	IDENT * NUMBER * (1)	NAME OF STREAM OR RIVER	PROJ * PURP * (2)	OWNER	*LATITUDE *LONGITUDE (DM,N)	*DRAINAGE AREA (SQ MI)	*ANNUAL * INFLOW * (CFS)	*POWER * HEAD * (FT)	*CAPACITY * (MW)	*ENERGY (GWH)	*STORAGE (1000 AC FT)	* (3)
COUNTY NAME: MARQUETTE												
FERC POWER SUPPLY AREA 1 FERC REGIONAL OFFICE CODE CH												
LAWRENCE	*I00020 *NCC0239	*DUCK CREEK		*PIONEER POWER *M LIGHT CO	*43 52.8 *89 33.0	*29.0	*20.0	*27.0	*2.0E *0.0	*.20E *0.0	*.04 *0.0	
HARRISVILLE	*I00074 *NCC0240	*MONTELLO CREEK		*DUANE MILLER	*43 52.8 *89 24.6	*100.0	*87.0	*15.0	*1.0E *0.0	*.19E *0.0	*.06 *0.0	
LAWRENCE	*I00075 *NCC0241	*DUCK CREEK		*MONTELLO GRA *NITE CO	*43 47.4 *89 19.6	*160.0	*140.0	*15.0	*3.0E *0.0	*.38E *0.0	*.05 *0.0	
COUNTY NAME: MEMPHIS												
FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH												
KESHENA FALLS	*I00136 *NCC0242	*WOLF			*44 53.0 *88 38.0	*812.0	*549.0	*33.0	*0.0U *0.0	*4.11E *0.0	*18.0 *0.0	
DALLAS	*I00137 *NCC0243	*WOLF			*45 2.0 *88 40.0	*604.0	*406.0	*75.0	*9.0E *0.0	*10.20E *0.0	*27.2 *0.0	
SHOTGUN RAPIDS	*I00138 *NCC0244	*WOLF			*45 5.0 *88 37.3	*508.0	*340.0	*48.0	*0.0E *0.0	*5.80E *0.0	*15.3 *0.0	
NEOPIT	*I00143 *NCC0245	*BR WOLF		*MEMPHIS IN *DIAN MILLS	*44 58.0 *88 50.0	*108.0	*70.0	*12.0	*0.0E *0.0	*.11E *.12E	*.04 *.05	
BIG EDDY FALLS	*I00168 *NCC0246	*WOLF			*44 57.0 *88 37.0	*629.0	*423.0	*12.0	*0.0U *0.0	*1.31E *0.0	*5.2 *0.0	
SMOKY FALLS	*I00169 *NCC0247	*WOLF			*45 0.0 *88 38.0	*617.0	*415.0	*25.0	*0.0U *0.0	*2.61E *0.0	*11.0 *0.0	
COUNTY NAME: MONROE												
FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE												
TRI CREEK NUMBER ONE	*I00806 *NCC0253	*TR MONKIS CREEK	*CH	*MONROE COUNT *Y SUCD	*43 51.2 *90 37.6	*33.0	*21.0	*17.0	*2.0E *0.0	*.05E *.05E	*.02 *.02	

L E G E N D

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(2) - PROJECT PURPOSES: I=IRIGATION, M=HYDROELECTRIC, C=FLOW CONTROL, N=NAVIGATION, S=STEAM SUPPLY, R=RECREATION,
D=DEBRIS CONTROL, P=PAH POND, O=OTHER
(3) - ESTIMATED CAPACITY AND ENERGY: N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - INSTALLED CAPACITY AND ENERGY: T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/10/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F W I S C O N S I N

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ#	DRINK	LONGITUDE	AREA	ANNUAL INFLOW	NET HEIGHT	MAXIMUM STORAGE	CAPACITY	ENERGY
	(1)		(2)		(DM)	(SQ MI)	(CFS)	(FT)	(1000)	(M)	(BHM)
										(3)	(3)
COUNTY NAME: OCONTO											
FERC POWER SUPPLY AREA 1 FERC REGIONAL OFFICE CODE CH											
STILES	*I00762*	OCONTO	*OCONTO	EIE	44 51.6	796.0	686	24	6.8E	1.50E	7.0
	NCC0248		*OUP		88 3.6					1.71E	4.3
UPPER OCONTO FALLS	*I00763*	OCONTO	*MI	MI PHR	44 52.8	750.0	646	27	1.0E	1.32E	5.9
LS	*NCC0249*		*CO		88 9.0					2.01E	6.0
COUNTY NAME: ONEIDA											
FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE											
HANCOCK LAKE	*I00688*	RICE CREEK	*R	VILLAGE OF	45 36.5	29.0	28	7	3.8E	0.8E	0.
	NCS0254		*OR	*OORQRC	89 38.3					.09E	.1
BURNT ROLLWAYS	*I00764*	EAGLE	*OR	*MI VALLEY	45 53.6	129.0	120	7	49.8E	0.8E	0.
908C36	*NCS0255*			*PROVEMENT	89 8.5					.10E	.6
SUGAR CAMP	*I00766*	SUGAR CAMP CREEK	*OR	*MI VALLEY	45 52.3	59.0	54	5	17.8E	0.8E	0.
361	*NCS0256*			*PROVEMENT	89 23.7					.05E	.2
MINOCQUA	*I00767*	TOHAWAK	*UR	*MI VALLEY	45 52.6	89.0	87	6	33.8E	0.8E	0.
1	*NCS0257*			*PROVEMENT	89 43.7					.21E	.3
MAT RAPIDS	*I00770*	WISCONSIN	*HR	*MI PUBLIC	45 34.3	1143.0	1055	21	4.8E	1.12E	7.5
239	*NCS0258*			*RVICE CORP	89 28.8					2.83E	8.3
RHINELANDER	*I00771*	WISCONSIN	*HR	*RHINELANDER	45 38.5	881.0	795	30	6.8E	2.12E	10.0
C280	*NCS0259*			*PAPER CO	89 25.2					1.95E	6.9
NORTH PELICAN LAKE	*I00772*	NORTH BRANCH PELICAN	*UR	*MI VALLEY	45 36.1	71.0	66	4	10.8E	0.8E	0.
KE 1909C36	*NCS0260*	ICAN		*PROVEMENT	89 14.6					.06E	.2
WILLOW RIVER RESERVOIR	*I00774*	TOHAWAK	*OCR	*MI VALLEY	45 42.7	327.0	319	11	74.8E	0.8E	0.
2WP50	*NCS0261*			*PROVEMENT	89 50.7					.58E	2.6
RAINBOW RESERVOIR	*I00775*	WISCONSIN	*OR	*MI VALLEY	45 50.0	740.0	688	16	86.8E	0.8E	0.
R 2WP76	*NCS0262*			*PROVEMENT	89 32.7					1.63E	7.8

L E G E N D

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(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=CELESTIAL CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,
(2) O=DEBRIS CONTROL, P=PEAK FLOW, Q=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NET INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/10/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF WISCONSIN

PROJECT NAME	IDENT #	NAME OF STREAM	PROJ#	OWNER	"LATITUDE	"DRAINAGE	"AVERAGE	"NET HEIGHT	"MAXIMUM	"STORAGE	"CAPACITY	"ENERGY
	(1)	CR RIVER	(2)		"LONGITUDE	"AREA	"INFLOW	"HEAD	"DAM	"(1000	"(MW)	"(GWH)
					"(DM,M)	"(SQ MI)	"(CFS)	"(FT)	"(AC FT)	"(3)	"(3)	"(3)
COUNTY NAME: ONEIDA					FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE							
PICKERAL 2P185	*W10076*	SAINT GERMAIN	*OR	*MI VALLEY INC	45 52.4	109.0	100	5	7	7.5E	6	0
	NC90263			*PROVEMENT CO	69 31.8						.12E	.4
COUNTY NAME: OUTAGAMIE					FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH							
APPLETON 03500	*W100129*	FOX	*M	*CONSOLIDATED	44 15.3	6100.0	4292	7	0	0.5E	.48E	2.6
	NC00250			*PAPERS INC	88 25.0						3.73E	18.5
APPLETON 03520	*W100130*	FOX		*APPLETON WOOD	44 15.3	6100.0	4291	9	0	0.5E	.10E	.7
	NC00251			*LEN MILLS	88 25.0						5.06E	23.6
ATLAS MILL	*W100131*	FOX			44 15.3	6090.0	4284	13	0	0.5U	0	0
	NC00252				88 25.0						6.92E	38.6
APPLETON 03540	*W100132*	FOX		*WISCONSIN MI	44 15.3	6065.0	4267	9	0	0.5E	1.44E	9.8
	NC00253			*CHICAGO POWER	88 25.0						3.72E	14.4
APPLETON 03550	*W100133*	FOX			44 15.3	6090.0	4284	14	0	0.5U	0	0
	NC00254				88 25.0						7.55E	37.3
LEEMAN	*W100134*	WOLF			44 34.3	1230.0	838	18	20	0.5E	5.00E	12.4
	NC00255				88 33.0						0	0
WADGER	*W100139*	FOX		*KAUKAUNA ELE	44 23.0	6136.0	4319	22	0	0.5E	5.60E	35.0
	NC00256			*CHICAGO WATER	88 16.0						9.39E	26.7
FIGOR	*W100141*	DUCK CREEK		*FIGOR, D.J.	44 23.0	25.0	16	16	0	0.5E	.04E	.1
	NC00257				80 20.0						.20E	.5
K'UKAUNA	*W100080*	FOX		*KAUKAUNA ELE	44 16.8	6136.0	4111	19	26	1.5E	4.80E	31.8
	NC00258			*C MTR DEPT	88 16.2						11.21E	24.1
MIDDLE APPLETON	*W100166*	FOX		*FOX RIVER PA	44 15.8	6100.0	4085	15	20	0.5E	1.16E	7.0
	NC00259			*PER CORR	88 24.6						6.87E	32.3

LEGEND

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O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY T=POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/10/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F W I S C O N S I N

PROJECT NAME	IDENT * NUMBER * (1)	NAME OF STREAM CR RIVER	PROJ * PURP * (2)	OWNER	*LATITUDE *LONGITUDE (DM,M)	*DRAINAGE AREA * (SQ MI)	*ANNUAL INFLOW * (CFS)	*NET *HEIGHT OF * HEAD * (FT)	*STORAGE CAPACITY * (M3)	*ENERGY (KWH)	*CAPACITY * (M3)	*ENERGY (KWH)
COUNTY NAME: OUSAGANIE												
FERC POWER SUPPLY AREA 1 FERC REGIONAL OFFICE CODE CH												
LITTLE CHUTE	*I00779	FOX		*KAUKAUNA ELE	44 16.8	6120.0	4098.	15.	20.	2.E	3.30E	19.0
	*NCC0260			*C MTR DEPT	88 19.2					*N	4.36E	20.4
KIMBERLY	*I00852	FOX		*KIMBERLY - C	44 16.8	6110.0	4092.	12.	16.	2.E	2.70E	13.0
	*NCC0261			*LARK CORP	88 19.8					*N	2.05E	17.7
RAPIDE CROCHE	*I00853	FOX RIVER		*KAUKAUNA ELE	44 19.2	6150.0	4119.	10.	14.	3.E	2.40E	13.0
	*NCC0262			*C MTR DEPT	88 12.0					*N	3.35E	15.0
COUNTY NAME: OZAUKEE												
FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH												
UDPHI90001	*I00177	CEDAR CK			43 18.0	121.0	69.	0.	0.	0.E	0.	0.
	*NCC0263				87 5.9					*T	.18E	.3
LINE KILN	*I00178	MILWAUKEE			43 18.3	476.0	273.	9.	11.	0.E	0.	0.
	*NCC0264				87 56.9					*T	.39E	1.1
COUNTY NAME: PEPIN												
FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE CH												
DURAND NO 1	*I00086	CHIPPEWA			44 45.0	9300.0	4585.	20.	26.	7.E	0.	0.
	*NCS0264				91 58.0					*T	35.09E	107.5
DURAND NO 2	*I00087	CHIPPEWA			44 38.0	9010.0	6873.	37.	42.	18.E	0.	0.
	*NCS0265				91 59.0					*T	52.40E	185.5
COUNTY NAME: PIERCE												
FERC POWER SUPPLY AREA 18 FERC REGIONAL OFFICE CODE												
PLUM CREEK 2	*I00362	PLUM CREEK		*PIERCE COUNT	44 40.1	35.0	28.	41.	55.	6.E	0.	0.
	*NCS0266			*Y SHCD	92 12.4					*N	.11E	.3
EAV GALLE RIVER LAKE	*I00780	EAV GALLE RIVER		*DAEN NCS	44 51.5	60.0	25.	86.	117.	57.E	0.	0.
	*NCS0267				92 14.4					*N	.42E	1.0
L E G E N D												

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, SEWATER SUPPLY, RECREATION,
DEBRIS CONTROL, PEFARM POND, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY: NENEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - UNINSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/10/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F W I S C O N S I N

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM CR RIVER	PROJ# PURP (2)	OWNER	LATITUDE (DM,N)	LONGITUDE (DM,W)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER OF DAM (FT)	HEIGHT OF DAM (FT)	STORAGE CAPACITY (MH)	ENERGY (GWH) (3)
COUNTY NAME: POLK												
FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE CH												
CLAM FALLS	WI00022	CLAM	HR		45 41.2	92 17.7	45.0	32	30	32	1.1E	.5
	WIS0268		HR									
SAINT CROIX FALLS	WI00023	SAINT CROIX	HR		45 24.7	92 38.9	5930.0	3547	59	60	13.1E	23.20E 114.3
	WIS0269		HR									41.25E 53.3
LOWER BALSAM LAKE	WI00024	BALSAM BRANCH	HR		45 26.9	92 27.0	240.0	131	24	32	47.1E	0.1E 0.1
	WIS0270		HR									.57E 2.1
BLACK BROOK	WI00050	APPLE	HR	POLK COUNTY	45 15.8	92 24.2	240.0	131	18	24	1.1E	0.1E 0.1
	WIS0271		HR									.41E 1.6
ANERY	WI00172	APPLE	HR	NORTHERN SUPPLY COMPANY	45 18.5	92 21.6	240.0	131	7	10	5.1E	0.1E 0.1
	WIS0272		HR									.17E .7
COUNTY NAME: PORTAGE												
FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH												
COB TOWN	WI00154	HAUPACA	HR		44 22.0	89 12.0	154.0	101	11	0	0.1E	0.1E 0.1
	WIS0218		HR									.21E 1.0
ANHERST	WI00155	HAUPACA	HR	WIS POWER	44 25.0	89 17.0	92.0	60	8	9	0.1E	0.1E 0.1
	WIS0219		HR	LIGHT CO								.09E .5
PAGEL MILL	WI00156	HAUPACA	HR		44 26.0	89 17.0	90.0	58	9	0	0.1E	0.1E 0.1
	WIS0220		HR									.10E .5
NELSONVILLE	WI00157	HAUPACA	HR	WIS POWER	44 29.0	89 19.0	62.0	40	8	9	0.1E	0.1E 0.1
	WIS0221		HR	LIGHT CO								.08E .3
SEVENS POINT	WI00781	WISCONSIN	HR	CONSOLIDATED	44 31.0	89 35.3	4964.0	4600	18	17	12.1E	3.84E 25.0
	WIS0273		HR	WATER POWER								16.89E 29.7
DUBAY 2WP333	WI00784	WISCONSIN	HR	CONSOLIDATED	44 39.9	89 39.0	4822.0	4317	27	25	103.1E	7.20E 40.0
	WIS0274		HR	WATER POWER								19.05E 37.2

L E G E N D

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(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION, ORDERED CONTROL, PEARL POND, OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
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POTENTIAL HYDROPOWER SITES
IN THE STATE OF WISCONSIN

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.G.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSE: I=IRRIGATION, M=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION, D=DEBRIS CONTROL, P=FARM POND, O=OTHER
- (3) - R=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
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LEGGEND

PROJECT NAME	INVENT NUMBER	NAME OF STREAM OR RIVER	PROJ NUMBER	LATITUDE (N,M)	LONGITUDE (W,M)	DRAINAGE AREA (SQ MI)	ANNUAL INFLU (CFS)	POWER OF HEAD (FT)	NET STORAGE DAM (AC FT)	CAPACITY (MG)	ENERGY (KWH)
COUNTY NAME: RUBEN											
MURRY	10101	CHIPPEN	10101	45 35.4	91 12.1	1265.0	1124.0	35.0	7.0	0.0	0.0
GRAND RAPIDS	10102	CHIPPEN	10102	45 31.2	91 14.1	1330.0	1147.0	35.0	19.0	0.0	0.0
AMACOV	10042	TH CHIPPEN	10042	45 24.5	91 17.9	1705.0	1071.0	15.0	20.0	0.0	0.0
LADYSMITH	10079	FLAMBEAU	10079	45 27.4	91 17.9	1940.0	1073.0	17.0	3.0	1.0	1.0
THORNAPPLE	10079	FLAMBEAU	10079	45 24.7	91 13.0	1965.0	1797.0	14.0	13.0	1.0	1.0
BIG FALLS	20917	FLAMBEAU	20917	45 33.3	90 57.0	1638.0	1760.0	52.0	50.0	6.0	7.0
FLAMBEAU	20963	FLAMBEAU	20963	45 29.3	91 28.0	1910.0	1760.0	66.0	50.0	15.0	16.0
COUNTY NAME: SAUK											
MONEY CREEK	10125	WISCONSIN	10125	43 14.2	89 48.3	9080.0	7426.0	12.0	12.0	13.0	0.0
PRARIE DV SAC	10002	WISCONSIN	10002	43 18.6	89 43.5	9000.0	5265.0	40.0	30.0	80.0	20.0
DELL CREEK	10005	DELL CREEK	10005	43 36.2	89 46.1	610.0	49.0	16.0	22.0	2.0	0.0
DUTCH HOLLOW	10193	DUTCH HOLLOW	10193	43 36.4	90 10.7	223.0	130.0	35.0	47.0	6.0	0.0

0 2 3 3 7

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- (3) - INSTALLED CAPACITY AND ENERGY
- (4) - UNINSTALLED CAPACITY AND ENERGY
- (5) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (6) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/10/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F W I S C O N S I N

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ. NUMBER	OWNER	LATITUDE (DM.N)	LONGITUDE (DM.W)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	MAXIMUM STORAGE OF DAM (1000 AC FT)	CAPACITY ENERGY (KWH) (3)
COUNTY NAME: SAWYER											
SITE NO 28	WI00099	FLANBEAU	NC		45 45.9	90 45.2	1080.0	1039.	19.	4.0	0.0
	NC0209				90 45.2					2.97	12.4
SITE NO 27	WI00090	FLANBEAU	NC		45 41.2	90 40.6	1744.0	1664.	22.	0.0	0.0
	NC0209				90 40.6					5.71	24.2
SITE NO 26	WI00091	FLANBEAU	NC		45 38.9	90 47.6	1619.0	1561.	20.	2.0	0.0
	NC0291				90 47.6					4.79	20.5
SITE NO 25	WI00092	FLANBEAU	NC		45 38.0	99 53.0	1794.0	1732.	22.	4.0	0.0
	NC0292				99 53.0					5.52	24.6
SITE NO 24	WI00093	FLANBEAU	NC		45 36.4	90 55.6	1789.0	1736.	25.	3.0	0.0
	NC0293				90 55.6					6.03	27.7
LOWERS	WI00097	CHIPPEWA	NC		45 48.7	91 4.7	790.0	703.	29.	8.0	0.0
	NC0294				91 4.7					3.26	13.7
SITE NO 2	WI00098	CHIPPEWA	NC		45 47.4	91 9.3	795.0	707.	19.	2.0	0.0
	NC0295				91 9.3					2.18	9.1
GHOST LAKE	WI00194	GHOST CREEK	NC	PEARSON	46 4.5		130.0	119.	18.	3.0	0.0
	NC0296			F SMITH	91 3.0					.32	1.4
MOOSE LAKE	WI00195	WEST FORK CHIPPEWA	NC		46 2.0		224.0	199.	10.	18.0	0.0
	NC0297			BEAU IMP CO	91 4.5					.31	1.3
TOTAGATIC	WI00197	TOTAGATIC	NC		46 6.0		52.0	42.	10.	8.0	0.0
	NC0298			SAWYER COUNT	91 30.8					.13	.6
PRICE 2 #P1664	WI00676	RRUNET	NC		45 47.7		69.0	60.	12.	10.0	0.0
	NC0299				90 59.3					.28	.5
ARPIN	WI00796	CHIPPEWA	NC		45 45.6		929.0	825.	34.	2.0	1.45
	NC0300			POWER CO	91 12.1					.29	13.0

- L E G E N D
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(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, SEWAGE SUPPLY, RECREATION,
DEBRIS CONTROL, POND, GEOTHERM
(3) - INSTALLED CAPACITY AND ENERGY NENK INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/10/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I S S O U R I

PROJECT NAME	PROJECT NUMBER	NAME OF STREAM OR RIVER	PROJECT NUMBER (1)	OWNER	PROJECT PURPOSE (2)	LATITUDE (DM-M)	LONGITUDE (DM-M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLUX (CFS)	NET HEAD (FT)	STORAGE CAPACITY (GAL)	ENERGY (KWH)	PROJECT CODE
COUNTY NAME: SAWYER													
CHIPPEWA	100797	CHIPPEWA	04	NORTHERN STA	45 53.3	894.0	710.0	26.0	35.0	332.0	0.0	0.0	
	100301			TES POKER CO	91 4.6						3.20	13.4	
COUNTY NAME: SHAWANO													
TIGERTON	100403	OK EMBARRASS			49 43.8	80.0	25.0	12.0	0.0	0.0	0.0	0.0	
	100265				89 2.0						1.6	0.5	
GRALAPPS	100415	OK EMBARRASS			44 46.8	55.0	35.0	10.0	0.0	0.0	0.0	0.0	
	100266				89 10.0						0.9	0.3	
WEASLE	100165	OK EMBARRASS			44 46.0	116.0	75.0	7.0	8.0	0.0	0.0	0.0	
	100267				88 56.0						1.4	0.4	
SHAWANO	100205	WOLF RIVER		SHAWANO PAPER	44 46.8	1127.0	1098.0	11.0	15.0	1.0	1.0	1.4	
	100268			R MILLS	88 37.2						1.91	7.2	
UPPER GRESHAM	100799	RED RIVER		VILLAGE OF G	44 51.6	147.0	109.0	33.0	44.0	1.0	1.0	1.7	
	100269			RESHAM	88 47.4						1.66	1.7	
UPPER SHAWANO	100803	WOLF RIVER		WI POKER + L	44 50.4	850.0	828.0	16.0	22.0	1.0	1.0	3.9	
	100270			IGHT CO	88 37.8						1.09	5.6	
NEED DAM	100801	FOX		VILLAGE OF G	44 50.4	192.0	142.0	28.0	35.0	3.0	3.0	1.8	
	100271			RESHAM	88 45.0						1.63	1.8	
COUNTY NAME: ST LOUIS													
WILLOW FALLS	100026	WILLOW		STATE OF MI	45 1.2	205.0	42.0	75.0	101.0	1.0	1.0	0.0	
	100302			DNR	92 40.4						1.48	5.6	
APPLE RIVER FALLS	100027	APPLE			45 9.4	575.0	25.0	83.0	84.0	1.0	1.0	0.0	
	100303				92 42.6						3.79	16.9	

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(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
OTHERS CONTROL, POND, OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/10/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MISSISSIPPI

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	PNCJ PURP	OWNER	LATITUDE	LONGITUDE	DRAINAGE AREA	ANNUAL INFLW	AVERAGE ANNUAL INFLW	NET SPUR OF HEAD	STORAGE	CAPACITY	ENERGY
	(1)		(2)		(DM,M)	(DM,M)	(SQ MI)	(CFS)	(CFS)	(FT)	(AC FT)	(3)	(3)
COUNTY NAME: ST CROIX													
FERC POWER SUPPLY AREA 10 FERC REGIONAL OFFICE CODE													
MOUND PLANT	100028	WILLCH	STATE OF MI	45	1.7		199.0		41	32	43	1	0
	100304		DNK		92	38.9							2.3
LITTLE FALLS	100053	WILLCH	MI DNR	45	1.0		289.0		60	17	23	2	0
REAR 3	100305				92	42.4							1.8
LOWER POWER	100187	WILLCH	NORTHERN STA	44	59.5		293.0		60	10	14	2	0
	100306		TES POWER CO	92	45.8								1.1
COUNTY NAME: TAYLOR													
FERC POWER SUPPLY AREA 10 FERC REGIONAL OFFICE CODE													
BONDEAUX RIVER	100024	MONDEAUX	USDA FS	45	20.0		35.0		50	7	10	6	0
WP262	100307				90	27.0							.1
CHEQUAMEGON	100054	WELLCH	TAYLOR COUNT	45	12.0		134.0		77	9	12	3	0
RS 2WP206	100308				90	42.6							.3
COUNTY NAME: TREMPLEAU													
FERC POWER SUPPLY AREA 10 FERC REGIONAL OFFICE CODE													
TREMPLEAU UNIT	100002	MISSISSIPPI	DAEN NCS	44	0		6000.0		2580	5	7	57	0
ED STATES	100003	MISSISSIPPI			91	26.3						23.53	84.7
COUNTY NAME: VERNON													
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE													
WEST FORK KICKAP	100016	WEST FORK KICKAP	VERNON COUNT	46	28.0		40.0		108	3	39	2	.04
DO 1	100309		NY SWCD		11	0						0	0
GENCO UNITED STA	100003	MISSISSIPPI	DAEN NCS	43	34.2		6400.0		2915	7	11	197	0
TES NUMBER 8	100310				91	13.9						39.86	156.0
COUNTY NAME: VERNON													
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE													
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COUNTY NAME													

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CFFLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
DEDEHNS CONTROL, PEAK POW, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY: NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(4) - US INSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/10/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF WISCONSIN

PROJECT NAME	ID#	NAME OF STREAM	PROJ#	AVERAGE ANNUAL POWER	NET HEIGHT	MAXIMUM STORAGE	CAPACITY	ENERGY
	NUMBER	CH RIVER	PURP#	INFLOW	HEAD	DAM	(1000	(MM)
	(1)		(2)	(CU FT)	(FT)	(AC FT)	(3)	(3)
COUNTY NAME: VILAS				FERC POWER SUPPLY AREA 13	FERC REGIONAL OFFICE CODE			
BUCKATABON 1909C	WI00004	BUCKATABON CREEK	R	151.0	6.0	14.0	0.0	0.0
361	NCS0310	PROVEMENT C	R					.17M
COUNTY NAME: WASHBURN				FERC POWER SUPPLY AREA 16	FERC REGIONAL OFFICE CODE			
WIRCH LAKE	WI00005	RED CEDAR	R	61.0	18.0	19.0	11.0	0.0
	NCS0311	NTY	R					.21M
WINDING FLOWAGE	WI00007	TOTAGATIC	R	325.0	262.0	13.0	22.0	0.0
	NCS0312	NTY	R					.66M
TOTAGATIC WILD	WI00017	TOTAGATIC	R	57.0	46.0	7.0	3.0	0.0
FE	NCS0313	NTY	R					.10M
LONG LAKE	WI00025	HILL	R	82.0	56.0	6.0	11.0	0.0
	NCS0314	NTY	R					.12M
TREGO W376	WI00012	HAERAGON	R	503.0	464.0	31.0	6.0	1.20M
	NCS0315	NTY	R					1.19M
COUNTY NAME: WAUPACA				FERC POWER SUPPLY AREA 13	FERC REGIONAL OFFICE CODE			
GMEINER	WI00152	WAUPACA	R	191.0	125.0	10.0	0.0	0.0
	NCC0272	NTY	R					.24M
FISHER-FALL GATT	WI00153	WAUPACA	R	186.0	122.0	12.0	0.0	0.0
ER	NCC0273	NTY	R					.28M
CRYSTAL	WI00159	WAUPACA	R	90.0	56.0	8.0	0.0	0.0
	NCC0274	NTY	R					.09M
MURAL	WI00159	CRYSTAL	R	85.0	55.0	7.0	0.0	0.0
	NCC0275	NTY	R					.07M

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CELESTIAL CONTROL, NAVIGATION, SEWAGE SUPPLY, RECREATION,
(3) - EXISTING CAPACITY AND ENERGY: REFORM POND, BROOKER
(3) - UNINSTALLED CAPACITY AND ENERGY: NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - UNINSTALLED CAPACITY AND ENERGY: NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/10/79)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F W I S C O N S I N

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PHDJA	PURPA	OWNER	LATITUDE (DM,N)	LONGITUDE (DM,W)	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CFS)	AVERAGE ANNUAL POWER (FT)	NET HEIGHT OF DAM (FT)	MAXIMUM STORAGE (MM)	CAPACITY (MM)	ENERGY (GWH)
	(1)			(2)								(3)	(3)	(3)
COUNTY NAME: WAUPACA														
FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CM														
SYNCO	WIU0160	LITTLE WOLF				44 30.0		234.0	154.0	8.0	9.0	0.0	0.0	0.0
	NCC0276					88 54.0						23.0	0.0	1.2
BIG FALLS	WIU0161	LITTLE WOLF				44 37.0		170.0	111.0	27.0	30.0	0.0	0.0	0.0
	NCC0277					89 1.0						57.0	0.0	2.8
CARY	WIU0176	CRYSTAL				44 21.0		95.0	62.0	9.0	11.0	0.0	0.0	0.0
	NCC0278					89 4.0						11.0	0.0	0.5
MEYANEGA	WIU0813	NAUPACA			MI POWER	44 19.8		310.0	271.0	16.0	21.0	3.0	0.0	0.9
	NCC0279				CO	88 55.8						20.0	0.0	2.1
COUNTY NAME: WAUSHARA														
FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CM														
SAXVILLE	WIU0146	PINE				44 10.0		111.0	72.0	12.0	0.0	0.0	0.0	0.0
	NCC0280					89 7.0						17.0	0.0	0.8
TOLEWILD	WIU0149	PINE				44 12.0		77.0	50.0	13.0	0.0	0.0	0.0	0.0
	NCC0281					89 12.0						12.0	0.0	0.6
WILD ROSE	WIU0150	HURPHEEY CK			VILLAGE OF	44 10.0		70.0	45.0	15.0	17.0	0.0	0.0	0.0
	NCC0282				WILD ROSE	89 15.0						13.0	0.0	0.6
CLARKS	WIU0151	HALLA WALLA CK				44 14.0		25.0	16.0	12.0	0.0	0.0	0.0	0.0
	NCC0283					89 1.0						05.0	0.0	0.1
COUNTY NAME: WINNEBAGO														
FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CM														
NEENAH	WIU0144	FOX			BERNSTORM PA	44 11.0		6040.0	4045.0	9.0	7.0	1515.0	0.0	1.5
	NCC0222				PER	88 27.0						28.0	0.0	20.0
NEENAH	WIU0647	FOX			BERNSTORM PA	44 11.0		6040.0	4045.0	9.0	7.0	1515.0	0.0	1.5
	NCC0223				PER	88 27.0						28.0	0.0	20.0
L E G E N D														

(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSES: I=IRIGATION, H=HYDROELECTRIC, C=CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,
D=DEBRIS CONTROL, P=PEAK POND, O=OTHER
(3) - ESTIMATED CAPACITY AND ENERGY: N=NET INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - UNINSTALLED CAPACITY AND ENERGY: T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

POTENTIAL HYDROPOWER SITES
IN THE STATE OF WISCONSIN

PROJECT NAME	IDENT #	NAME OF STREAM OR RIVER	PROJ #	PLATTITUDE (N,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER OF HEAD (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (GPM)	ENERGY (3)
COUNTY NAME: MINNESOTA	NUMBER (1)									
MENASHA	100014	FOX	44	20.5	6040.0	4045	10.0	1515.0	2.50E	27.5
	100022		88	27.0					5.47E	
COUNTY NAME: WOOD										
FOUR MILE CREEK	100032	FOUR MILE CREEK	44	20.5	5502.0	33.0	19.0	26.0	6.0E	14.0
	100031		89	51.6					21.62E	50.7
SOUTH WOOD COUNTY	100060	FOUR MILE CREEK	44	21.4	69.0	62.0	17.0	23.0	2.0E	0.0
Y PARK	1000317		89	45.4					.33E	.4
Dexter ville 2nd	100065	YELLOW	44	22.7	195.0	106.0	11.0	15.0	4.0E	0.0
566	1000318		90	7.0					.31E	.5
BIRON WP71	1000615	WISCONSIN	44	26.0	5341.0	4781.0	24.0	24.0	23.0E	16.0
	1000319		89	46.7					22.68E	60.1
CENTRALIA 1889C2	1000616	WISCONSIN	44	22.1	5400.0	4834.0	16.0	15.0	2.0E	13.2
9	1000320		89	51.3					16.85E	39.7
WISCONSIN RAPIDS	1000617	WISCONSIN	44	23.8	5391.0	4926.0	31.0	32.0	6.0E	25.0
2nd	1000321		89	49.3					34.10E	77.3
NEKOUSA #2348	1000618	WISCONSIN	44	18.8	5500.0	4924.0	22.0	22.0	4.0E	12.9
	1000322		89	53.6					25.08E	61.2
COUNTY NAME: COLE	123									
LA FARGE	100120	KICKAPOO	43	35.0	263.0	739.0	10.0	10.0	91.0E	.1
	1003000		90	39.0					.14E	.9

LEGGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE IO, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION, DROPPIS CONTROL, BARN POND, OTHER
- (3) - INSTALLED CAPACITY AND ENERGY
- (4) - UNINSTALLED CAPACITY AND ENERGY
- (5) - INSTALLED CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (6) - UNINSTALLED CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

APPENDIX II

U.S. ARMY CORPS OF ENGINEERS

NATIONAL HYDROELECTRIC POWER RESOURCES STUDY

PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

DESCRIPTION OF TERMS

PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

DESCRIPTION OF TERMS

ACRE FOOT: (AcFt) A measure of volume. An acre (43,560 square feet) of water, one foot deep (43,560 cubic feet).

AVERAGE ANNUAL INFLOW: The average yearly inflow into a reservoir for the historical period of record, measured in cubic feet per second (cfs).

CAPABILITY: The maximum load which a generator, generating station, or other electrical apparatus can supply under specified conditions for a given period of time, without exceeding approved limits of temperature and stress.

CAPACITY: The load for which a generating unit, generating station, or other electrical apparatus is rated either by the user or manufacturers' nameplate rating. Capacity is sometimes used synonymously with capability.

CONVENTIONAL HYDROELECTRIC POWER PLANT: An electric power plant utilizing falling water from stream flow or reservoir storage as the primary motive force of electrical generation.

DEMAND: The rate at which electric energy is required.

ELECTRIC ENERGY/POWER: That which does or is capable of doing work; measured in terms of the work it is capable of doing; i.e., kilowatt-hours.

EXISTING FACILITIES: A dam or other existing water resource project which has created a hydraulic head suitable for generating hydroelectric power. Such facilities include, but are not limited to:

- Irrigation drop structures and canals.
- Existing dams without any provisions for installing power facilities.
- Existing dams with minimum facilities for installing power in the future; i.e., intakes and penstocks usually have been installed.
- Existing dams with generating facilities and with additional space constructed for adding more generating equipment.
- Existing dams with generating equipment installed; however, a potential exists for additional power generation.

FLOW DURATION CURVE: A plot of stream flows ranked in descending order of magnitude, against time intervals, for a specific period.

FOSSIL FUEL: Refers to coal, oil, and natural gas.

GENERATOR: A machine which transforms mechanical energy from the prime mover (turbines) into electric energy.

GIGAWATT (GW): One million (1,000,000) kilowatts.

GIGAWATT-HOURS (GWH): One million kilowatt-hours.

HEIGHT OF DAM: Distance from streambed at dam centerline to the top of the dam with respect to maximum storage capacity.

HYDROELECTRIC POWER: Electrical energy derived from the energy of falling or flowing water.

INCREMENTAL DEVELOPMENT: The estimated hydroelectric power potential that can be added to an existing facility or water resource project.

INSTALLED CAPACITY: The total of the capacities as shown by the nameplates of the generating units in a station or system.

KILOWATT-HOURS (KWH): The basic unit of electric energy equal to one kilowatt demand over a period of one hour, equal to 3,413 BTU.

LOAD: The amount of electric power delivered at a given point or points in a system.

L/D: An indication that the existing project is a dam with a navigation lock included; lock and dam.

MEGAWATTS (MW): A million watts or 1,000 kilowatts.

MEGAWATT-HOURS (MW): 1,000,000 watt-hours or 1,000 KWH.

NAMEPLATE RATING: The full-load, continuous operation rating of a generator, prime mover or other electrical equipment under specified conditions as designated by the manufacturer.

NET POWER HEAD: The difference between the elevations of the power pool and the tailwater less hydraulic and mechanical losses in the waterways.

NUCLEAR POWER PLANT: An electric generating plant utilizing the heat from a nuclear reactor as the source of power.

PENSTOCK: A conduit used to convey water to the turbine units of a hydroelectric plant.

PLANT FACTOR: The ratio of the average load on the plant for the period of time considered to the aggregate rating of all the generating equipment installed in the plant.

POTENTIAL HYDROELECTRIC POWER: The aggregate capacity capable of being developed by practical use of available stream flow and net power head.

POWER HOUSE: An electric generating station at which is located prime movers, electric generators, and auxiliary equipment for producing electric energy.

PUMPED STORAGE POWER PLANT: A hydropower plant where electric energy is generated for peak load use by utilizing water pumped into a storage reservoir, usually during off-peak hours.

SMALL-SCALE HYDROELECTRIC POWER PLANT: A hydroelectric generating station with less than 15 MW of installed capacity.

THERMAL GENERATING FACILITY: A generating plant which uses heat as the source of energy for the prime mover. Such plants may burn fossil fuels or use nuclear energy to produce the heat.

UNDEVELOPED SITES: No dam or other structure exists at this site to create the hydraulic head needed for generating hydroelectric energy. However, the topography of the site is favorable for developing a hydroelectric power project.

WATER RESOURCE PROJECT: A facility planned and constructed to obtain one or more uses or benefits from water. Purposes or uses may include navigation, flood control, hydroelectric power, land and water recreation, irrigation, water supply and water quality management.

WATT: The rate of energy transfer equivalent to one ampere under a pressure of one volt at unity power factor.

APPENDIX III

U.S. ARMY CORPS OF ENGINEERS

NATIONAL HYDROELECTRIC POWER RESOURCES STUDY

DIVISION AND DISTRICT REPRESENTATIVES

DIVISION STUDY COORDINATORS

NATIONAL HYDROPOWER STUDY

U.S. Army Engineer Division
Lower Miss. Valley
ATTN: John C. Cole, LMVPD-F
P.O. Box 80
Vicksburg, MS 39180
601-636-1311, X5827

U.S. Army Engineer Division
Missouri River
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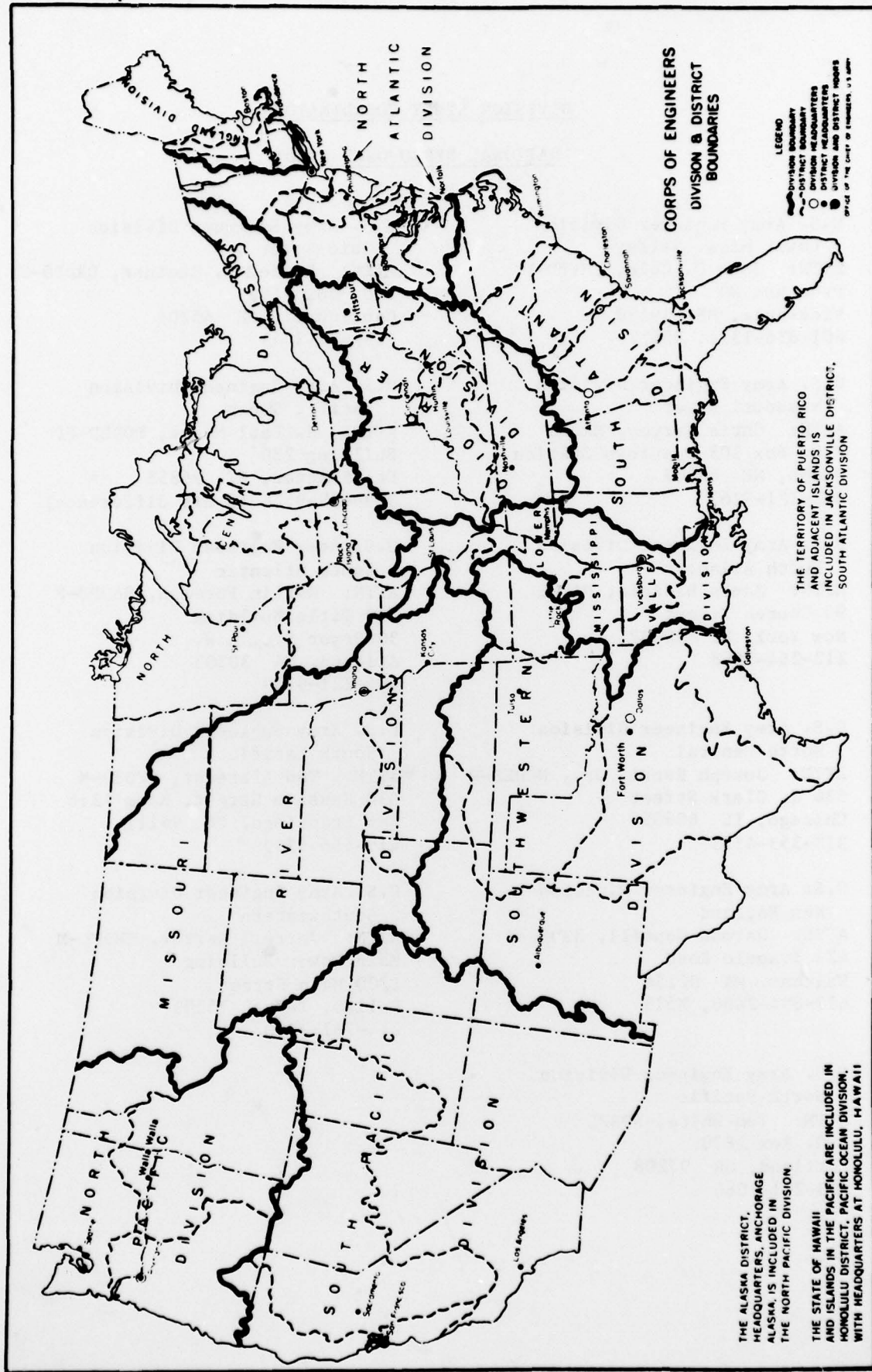
U.S. Army Engineer Division
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ATTN: Daniel E. Steiner, ORDPD-F
P.O. Box 1159
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513-684-3043

U.S. Army Engineer Division
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U.S. Army Engineer Division
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ATTN: Merlin Foreman, SADPD-P
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ATTN: Hydro Study Rep
210 North 12th Street
St. Louis, MO 63101
314-268-3385

U.S. Army Engineer District
Kansas City
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700 Federal Building
Kansas City, MO 64106
816-374-3062

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Walla Walla, WA 99362
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